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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,945,216

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,945,216

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1708***
For each additional sheet over 30	**$19**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*))	**$257**
6. **Preliminary examination fee** (Rule 58)	**$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. **Taxe de traitement** (Règle 57.2*a*))	**257 $**
6. **Taxe d'examen préliminaire** (Règle 58)	**800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

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2. Correspondance électronique
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4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;

- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;

- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
    - First Monday in August (British Columbia Day)
    - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
    - March 17 (St. Patrick's Day)
    - April 23 (St. George's Day)
    - June 24 (Discovery Day)
    - July 12 (Orangemen's Day)
    - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
    - Third Monday in February (Ontario Family Day)
    - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
    - premier lundi d'août (Fête de la Colombie-Britannique)
    - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
    - 17 mars (Fête de la Saint-Patrick)
    - 23 avril (Fête de la Saint-Georges)
    - 24 juin (Journée de la Découverte)
    - 12 juillet (Jour des Orangistes)
    - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
    - troisième lundi de février (Jour de la Famille de l'Ontario)
    - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

NOTICE REGARDING UNEXPECTED CLOSURES OF THE OFFICE

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers all time limits to be extended until the next day that it is open for business.

On May 8, 2017 and May 9, 2017, CIPO was closed for business due to extraordinary circumstances.

For information regarding a previous business closure, please contact the Client Service Centre or consult CIPO's website.

AVIS CONCERNANT UNE FERMETURE INATTENDUE DU BUREAU

Lorsque l'OPIC est fermé, notamment en raison de circonstances exceptionnelles, l'OPIC considère que toutes les échéances sont prorogées jusqu'au jour de réouverture du bureau.

Les 8 et 9 mai 2017, l'OPIC était fermé au public en raison de circonstances exceptionnelles.

Pour obtenir des renseignements concernant une fermeture antérieure de nos bureaux, veuillez communiquer avec le centre de service à la clientèle ou consulter le site Web de l'OPIC.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of September 18, 2018 contains applications open to public inspection from September 2, 2018 to September 8, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 18 septembre 2018 contient les demandes disponibles au public pour consultation pour la période du 2 septembre 2018 au 8 septembre 2018.

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[72] BERMAN, LARRY, US
[73] INNOVAPARK, LLC, US
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[54] **PINCE DE CRYOSONDE PRESENTANT UNE FENETRE D'EVALUATION DE TRANSMURALITE**
[72] MALEWICZ, ANDRZEJ, US
[73] MEDTRONIC ATS MEDICAL, INC., US
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[54] **PROCEDE ET APPAREIL DE GAINAGE D'UN CONDUIT**
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[72] PEARSON, ERWIN, GB
[73] HTC MANAGEMENT SERVICES LTD., GB
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[54] **PROCEDE, SYSTEME, RESEAU ET SUPPORT LISIBLE PAR UN ORDINATEUR POUR CONTROLER LES APPELS TELEPHONIQUES SORTANTS**
[72] LIU, GAO FENG, CA
[72] CLARK, DAVID WILLIAM, CA
[72] ARSENAULT, JONATHAN ALLAN, CA
[72] WOLF, ERIC JOHN, CA
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[54] **NANOSTRUCTURES APPROPRIEES POUR LA SEQUESTRATION DU CHOLESTEROL ET D'AUTRES MOLECULES**
[72] MIRKIN, CHAD A., US
[72] THAXTON, C. SHAD, US
[72] GILJOHANN, DAVID A., US
[72] DANIEL, WESTON, US
[73] NORTHWESTERN UNIVERSITY, US
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[54] **COMPOSITIONS AND METHODS FOR TREATING MULTIPLE SCLEROSIS**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITER LA SCLEROSE EN PLAQUES**
[72] WATSON, RICHARD L., US
[72] WOOD, ANTHONY B., US
[72] ARCHAMBEAU, GREGORY J., US
[73] REVALESIO CORPORATION, US
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[54] **APPARATUS AND METHOD FOR ESTABLISHING COMMUNICATION FROM REMOTE SITES IN A FIXED METER READING NETWORK**
[54] **APPAREIL ET PROCEDE POUR ETABLIR UNE LIAISON A PARTIR DE SITES ELOIGNES DANS UN RESEAU DE LECTURE DE COMPTEURS FIXES**
[72] OLSON, JOHN A., US
[72] LAZAR, MARK, US
[72] LAUGHLIN-PARKER, KELLY, US
[72] MALINOWSKI, MICHELE R. B., US
[72] SCHULTZ, RANDY, US
[72] BEVERUNG, RYAN M., US
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[54] **SYSTEM AND PROCESS FOR CONNECTING MEDIA CONTENT**
[54] **SYSTEME ET PROCEDE POUR CONNECTER UN CONTENU MULTIMEDIA**
[72] BLAXLAND, THOMAS A., US
[72] EPSTEIN, JASON, US
[72] MUVAVARIRWA, RANGARIRAYI, US
[72] MOORE, JONATHAN T., US
[73] COMCAST CABLE COMMUNICATIONS, LLC, US
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[54] **DISPOSITIF D'ORGANE SUR PUCE**
[72] MARX, UWE, DE
[73] TISSUSE GMBH, DE
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[54] **HARD SURFACE CLEANING COMPOSITION FOR PERSONAL CONTACT AREAS**
[54] **COMPOSITION NETTOYANTE POUR SURFACES DURES**
[72] GAUDREAULT, ROSEMARY A., US
[73] JELMAR LLC, US
[86] (2727189)
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[54] **ENSEMBLE DE CHENILLES POUR VEHICULE A MOTEUR**
[72] BOIVIN, DENIS, CA
[73] BOIVIN, DENIS, CA
[86] (2728865)
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[54] **AN ASSAY METHOD FOR THE DIAGNOSIS OF CARDIOVASCULAR DISEASE**
[54] **METHODE DE DOSAGE PERMETTANT DE DIAGNOSTIQUER UNE MALADIE CARDIOVASCULAIRE**
[72] SUNDREHAGEN, ERLING, NO
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[54] **HYDRAULIC FLUID CONTROL SYSTEM FOR A DIAPHRAGM PUMP**
[54] **SYSTEME DE COMMANDE A FLUIDE HYDRAULIQUE POUR UNE POMPE A DIAPHRAGME**
[72] VAN DE VELDE, PETER, CA
[72] ESPLIN, GORDON, CA
[73] DAJUSTCO IP HOLDINGS INC., CA
[86] (2730696)
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[54] **DIAGNOSTICS POUR UNE NEPHROPATHIE MEMBRANEUSE**
[72] SALANT, DAVID J., US
[72] BECK, LAURENCE H., US
[72] LAMBEAU, GERARD, FR
[73] BOSTON MEDICAL CENTER CORPORATION, US
[73] LE CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **SELECTIVE ADENOSINE A2A RECEPTOR ANTAGONISTS USEFUL IN THE TREATMENT AND PREVENTION OF MIGRAINE**
[54] **ANTAGONISTES SELECTIFS DU RECEPTEUR DE L'ADENOSINE A2A UTILES DANS LE TRAITEMENT ET LA PREVENTION DE LA MIGRAINE**
[72] IKEDA, JUNICHI, JP
[72] ICHIKAWA, SHUNJI, JP
[72] KUROKAWA, MASAKO, JP
[72] KANDA, TOMOYUKI, JP
[73] KYOWA HAKKO KIRIN CO., LTD., JP
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[54] **COMPOSITIONS COMPRISING TERPENE COMPOUNDS FOR TREATING NEGATIVE SENSORY PHENOMENA**
[54] **COMPOSITION COMPRENANT DES COMPOSES TERPENE POUR LE TRAITEMENT DE PHENOMENES SENSORIELS NEGATIFS**
[72] MCLELLAN, ALEXANDER, CA
[72] GREENWAY, FRANK, US
[73] NEUROQUEST INC., CA
[73] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
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[72] DIEHL, JASON K., CA
[72] KARAMICHALIS, DIMO, CA
[73] DIMO'S TOOL & DIE LTD., CA
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[51] **Int.Cl. G01V 3/10 (2006.01)**
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[54] **PROXIMITY SENSOR WITH HEALTH MONITORING**
[54] **CAPTEUR DE PROXIMITE AVEC CONTROLE D'ETAT**
[72] TILLOTSON, JOHN KENNETH, US
[73] HONEYWELL INTERNATIONAL INC., US
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[54] **PLANTS AND SEEDS OF SPRING CANOLA VARIETY SCV291489**
[54] **PLANTES ET SEMENCES DU CANOLA DE PRINTEMPS, VARIETE SCV291489**
[72] BURNS, DALE, CA
[73] MONSANTO TECHNOLOGY LLC, US
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[54] **OPTICAL CONTACT SENSING IN MEDICAL PROBES**
[54] **CAPTEUR A CONTACT OPTIQUE UTILISE DANS LES SONDES A USAGE MEDICAL**
[72] GOVARI, ASSAF, IL
[72] ATLMANN, ANDRES CLAUDIO, IL
[72] EPHRATH, YARON, IL
[73] BIOSENSE WEBSTER (ISRAEL), LTD., IL
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[54] **UTILITY KNIFE BLADE**
[54] **LAME DE COUTEAU UTILITAIRE**
[72] CULF, PETER G., GB
[73] STANLEY BLACK & DECKER, INC., US
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[54] **GRATING-BASED EVANESCENT FIELD MOLECULAR SENSOR USING A THIN SILICON WAVEGUIDE LAYER**
[54] **CAPTEUR MOLECULAIRE EN CHAMP EVANESCENT BASE SUR UN RESEAU UTILISANT UN GUIDE D'ONDES EN COUCHE MINCE DE SILICIUM**
[72] SINCLAIR, BILL, CA
[72] SCHMID, JENS, CA
[72] JANZ, SIEGFRIED, CA
[72] WALDRON, PHILIP, CA
[72] XU, DAN-XIA, CA
[72] DENSMORE, ADAM, CA
[72] MISCHKI, TREVOR, CA
[72] LAPOINTE, JEAN, CA
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[54] **COMPOSITIONS A PENETRATION ELEVEE ET LEURS APPLICATIONS**
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[73] YU, CHONGXI, US
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[54] **PROCEDES DE SELECTION DE POLYPEPTIDES RESISTANTS AUX PROTEASES**
[72] ENEVER, CAROLYN, GB
[72] JESPERS, LAURENT, GB
[72] PUPECKA, MALGORZATA, GB
[72] TOMLINSON, IAN M, GB
[73] GLAXO GROUP LIMITED, GB
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[54] **WINDSHIELD MOUNTING SYSTEM**
[54] **SYSTEME D'INSTALLATION DE PAREBRISE**
[72] COULOMBE, ALEXANDRE, CA
[72] CLOUTIER, ALEXANDRE, CA
[72] PATRY, MARC-ANDRE, CA
[72] MORIN, VINCENT, CA
[72] LAUZIERE, BENOIT, CA
[72] THERRIEN, GENEVIEVE, CA
[72] DEMERS, GENEVIEVE, CA
[73] SOUCY INTERNATIONAL INC., CA
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[54] **PYRAZINE DERIVATIVES USEFUL AS INHIBITORS OF ATR KINASE**
[54] **DERIVES PYRAZINES UTILES EN TANT QU'INHIBITEURS D'ATR KINASE**
[72] CHARRIER, JEAN-DAMIEN, GB
[72] DURRANT, STEVEN, GB
[72] KAY, DAVID, GB
[72] KNEGTEL, RONALD, GB
[72] MACCORMICK, SOMHAIRLE, GB
[72] MORTIMORE, MICHAEL, GB
[72] O'DONNELL, MICHAEL, GB
[72] PINDER, JOANNE, GB
[72] RUTHERFORD, ALISTAIR, GB
[72] VIRANI, ANISA NIZARALI, GB
[72] YOUNG, STEPHEN, GB
[72] REAPER, PHILIP MICHAEL, GB
[73] VERTEX PHARMACEUTICALS INCORPORATED, US
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[54] **PLATE-FORME MOBILE POUR SURVEILLER UN EMPLACEMENT DE PUITS**
[72] HOBBS, KIRK, US
[72] ROWE, TERRELL, US
[72] SISSON, JUDY, US
[73] OCCIDENTAL PERMIAN LTD., US
[85] 2011-06-27
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[54] **CARTOUCHE D'ENTRAINEMENT**
[72] SAXBY, MICHAEL ERNEST, GB
[73] UTM IP LIMITED, GB
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[54] **METHOD FOR SUPPLYING AIR INTO A SPRAY BOOTH AND A VENTILATION UNIT FOR IMPLEMENTING THE METHOD**
[54] **METHODE D'APPROVISIONNEMENT D'AIR DANS UNE CHAMBRE DE PISTOLAGE ET MODULE DE VENTILATION SERVANT A METTRE EN OEUVRE LA METHODE**
[72] NUDELMAN, EVGENY SHOYL'EVICH, RU
[73] NUDELMAN, EVGENY SHOYL'EVICH, RU
[85] 2011-07-22
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[54] **IMAGE DATA TRANSMISSION**
[54] **TRANSMISSION DE DONNEES D'IMAGE**
[72] THOMAS, MONROE M., CA
[72] TAERUM, TORIN, CA
[72] BEAUREGARD, MICHAEL, CA
[72] SCHERGER, DEREK, CA
[73] CALGARY SCIENTIFIC INC., CA
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[25] EN
[54] **FLASH PROCESSING A SOLVENT DEASPHALTING FEED**
[54] **TRAITEMENT ECLAIR D'UN APPORT DE DESASPHALTAGE AU SOLVANT**
[72] IQBAL, RASHID, US
[72] ENG, ODETTE, US
[73] KELLOGG BROWN & ROOT LLC, US
[86] (2753009)
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[72] HANCU, DAN, US
[72] NORTON, DANIEL GEORGE, US
[72] MHADESHWAR, ASHISH BALKRISHNA, US
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[54] **REMORQUE DE SECURITE**
[72] GROENEWEG, KEVIN K., US
[73] CONCATEN INC., US
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[54] **COMPOSITION PHARMACEUTIQUE STABLE POUR L'ATHEROSCLEROSE**
[72] PADHEE, KUMUD KUMAR, IN
[72] PATEL, NILAMKUMARI SOMALAL, IN
[72] KODURI, SUNIL CHOWDARY, IN
[72] MUKHARYA, AMIT, IN
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[54] **STRUCTURE POUR JEU D'EAU COMPRENANT UN PARCOURS AVEC HARNAIS ET UN PARCOURS SANS HARNAIS**
[72] FRANKOWSKI, HYUMA ALEXEI, CA
[72] WON, TAT K., CA
[72] LIGGETT, JAMES A., US
[73] WHITEWATER WEST INDUSTRIES LTD., CA
[73] ROPES COURSE INCORPORATED, US
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[54] **TEXTILE THERMOSENSIBLE INTELLIGENT**
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[72] HUNT, VERONICA, US
[72] DURANT, BRIAN, US
[72] GILBERT, DAVID, US
[73] MMI-IPCO, LLC, US
[73] MIDE TECHNOLOGY CORPORATION, US
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[54] **COFFRAGE D'ANGLE A CHARNIERE POUR SYSTEME DE COFFRAGE DE BETON ISOLANT**
[72] HISCOCK, BARRY, CA
[72] WARMAN, SHELDON, CA
[73] AIRLITE PLASTICS CO., US
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[54] **UTILISATION D'UN PROMOTEUR SPECIFIQUE DE GRAINE POUR ENTRAINER L'EXPRESSION DE ODP1 DANS DES PLANTES OLEAGINEUSES CRUCIFERES POUR AUGMENTER LA TENEUR EN HUILE TOUT EN CONSERVANT UNE GERMINATION NORMALE**
[72] MEYER, KNUT, US
[72] DAMUDE, HOWARD G., US
[72] EVERARD, JOHN D., US
[72] RIPP, KEVIN G., US
[72] STECCA, KEVIN L., US
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[54] **PROCEDE DE PREPARATION DE MODULATEURS DES RECEPTEURS D'HISTAMINE H3**
[72] BROGGINI, DIEGO, CH
[72] LELLEK, VIT, CH
[72] LOCHNER, SUSANNE, DE
[72] MANI, NEELAKANDHA S., US
[72] MAURER, ADRIAN, CH
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[54] **PROCESS FOR THE PRODUCTION OF POLYSTYRENE IN AN IONIC LIQUID AND NOVEL POLYMERS THEREOF**
[54] **PROCEDE DE FABRICATION DE POLYSTYRENE DANS UN LIQUIDE IONIQUE ET POLYMERES INNOVANTS CORRESPONDANTS**
[72] GHANDI, KHASHAYAR, CA
[73] CHEMGREEN INNOVATION INC., CA
[85] 2011-09-23
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[72] BUSHEY, RICHARD D., US
[72] BUSHEY, BRET L., US
[73] BUSHEY, RICHARD D., US
[73] BUSHEY, BRET L., US
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[54] **STATUT OBJECTIF ET CATEGORIES DE DOMAINE**
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[72] KOSTERS, MARK, US
[72] MOSTON, DAVE, US
[72] SHYAMSUNDER, KARTHIK, US
[72] SUNKARA, SRINIVAS, US
[72] JIMENEZ, EDUARDO, US
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[54] **ELEMENT SIEGE**
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[73] ARPER S.P.A., IT
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[54] **PROFIL AERODYNAMIQUE**
[72] BROCKLEHURST, ALAN, GB
[73] AGUSTAWESTLAND LIMITED, GB
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[54] **DISPENSER WITH CONTAMINANT SENSOR**
[54] **DISTRIBUTEUR AVEC DETECTEUR DE CONTAMINANT**
[72] OPHARDT, HEINER, CH
[73] GOTOHTI.COM INC., CA
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[54] **DISPOSITIF DE DISSEMINATION MONTE DANS UNE RUCHE**
[72] PUT, KURT HANS, BE
[72] JANS, KRIS CYRIEL JOHAN, BE
[72] STERK, GUIDO MARIO KAREL MICHEL, BE
[72] SMAGGHE, GUY, BE
[72] MOMMAERTS, VEERLE, BE
[72] WAECKERS, FELIX LEOPOLD, BE
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[54] **PRESENTATION ET MANIPULATION D'IMAGES A PROFONDEUR ELEVEE DANS DES SYSTEMES D'AFFICHAGE D'IMAGES A FAIBLE PROFONDEUR**
[72] RANKIN, STEVEN ANDREW, CA
[73] CLIENT OUTLOOK INC., CA
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[54] **METHOD FOR INCREASING PLANT WEIGHT AND METHOD FOR USING SAME**
[54] **PROCEDE POUR AUGMENTER LE POIDS DE VEGETAUX ET PROCEDE D'UTILISATION DE CELUI-CI**
[72] KONDO, SATOSHI, JP
[72] OHTO, CHIKARA, JP
[72] TAKAGI, MASARU, JP
[72] MATSUI, KYOKO, JP
[72] KOYAMA, TOMOTSUGU, JP
[72] MITSUDA, NOBUTAKA, JP
[72] MURAMOTO, NOBUHIKO, JP
[72] MITSUKAWA, NORIHIRO, JP
[72] TANAKA, TOMOKO, JP
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[54] **METHOD OF PROVIDING DISEASE-SPECIFIC BINDING MOLECULES AND TARGETS**
[54] **PROCEDE POUR FOURNIR DES MOLECULES DE LIAISON ET DES CIBLES SPECIFIQUES A UNE MALADIE.**
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[72] HOCK, CHRISTOPH, CH
[72] ESSLINGER, CHRISTOPH, CH
[72] KNOBLOCH, MARLEN, CH
[72] TISSOT, KATHRIN, CH
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[54] **INHIBITEURS A PETITE MOLECULE DE LA TYROSINE KINASE DE LA RATE (SYK)**
[72] ZHANG, JING, US
[72] SINGH, RAJINDER, US
[72] GOFF, DANE, US
[72] KINOSHITA, TAISEI, US
[73] RIGEL PHARMACEUTICALS, INC., US
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[54] **MEMBRANES PERFECTIONNEES D'OSMOSE INVERSE, COMPOSITES A COUCHES MINCES, HYBRIDES, AVEC DES ADDITIFS AZOTES**
[72] KURTH, CHRISTOPHER JAMES, US
[72] KOEHLER, JEFFREY ALAN, US
[72] ZHOU, MEIJUAN, US
[72] HOLMBERG, BRETT ANDERSON, US
[72] BURK, ROBERT LEON, US
[73] NANOH2O INC., US
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[72] PELLERIN, BRUNO, FR
[72] SEDAN, DAVID, FR
[73] CHRYSO, FR
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[72] JOECKEL, ANDREAS, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **DIFFERENTIATION DE CELLULES SOUCHES EMBRYONNAIRES HUMAINES**
[72] XU, JEAN, US
[73] JANSSEN BIOTECH, INC., US
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[54] **SEQUENCES ET LEUR UTILISATION POUR LA DETECTION ET LA CARACTERISATION DE E. COLI O157:H7**
[72] BURNS, FRANK R., US
[73] QUALICON DIAGNOSTICS LLC, US
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[54] **POSTE DE DISTRIBUTION DE MEDICAMENTS A ACCES D'URGENCE**
[72] ROSS, GRAHAM, US
[73] CAREFUSION 303, INC., US
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[54] **DISPOSITIF DE SECURITE OPTIQUE INDIQUANT UNE INTRUSION**
[72] STEENBLIK, RICHARD A., US
[72] HURT, MARK J., US
[72] JORDAN, GREGORY R., US
[72] CAPE, SAMUEL M., US
[73] VISUAL PHYSICS, LLC, US
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[54] SYSTEME ET PROCEDE POUR PERMETTRE UNE HARMONISATION DES PROCEDURES DOUANIERES, DES CALCULS DE TARIFS ET UNE COLLECTE CENTRALISEE DES DROITS DE DOUANE POUR DES EXPEDITEURS INTERNATIONAUX
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[73] PSI SYSTEMS, INC., US
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[54] DUMPLING PRODUCING METHOD AND DEVICE
[54] PROCEDE ET DISPOSITIF DE PRODUCTION DE BOULETTES DE PATE
[72] LEE, EDWARD, CN
[72] ZHU, MUAN, CN
[72] WANG, DERONG, CN
[72] VARGAS, GREGORY C., US
[72] WALDHERR, MICHAEL P., US
[72] FIELD, CHRISTOPHER J., US
[73] GENERAL MILLS MARKETING, INC., US
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[54] DESFERRIOXAMINE-METAL COMPLEXES FOR THE TREATMENT OF IMMUNE-RELATED DISORDERS
[54] COMPLEXES DESFERRIOXAMINE-METAL POUR LE TRAITEMENT DE TROUBLES LIES A L'IMMUNITE
[72] CHEVION, MORDECHAI, IL
[72] VINOKUR, VLADIMIR, IL
[72] BERENSHTEIN, EDUARD, IL
[72] ELIASHAR, RON, IL
[72] BULVIK, BARUCH, IL
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[72] DLUBALA, ALAIN, FR
[72] GUEVEL, RONAN, FR
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[54] COMPOSITIONS GLUCIDIQUES AYANT UN PLUS GRAND IMPACT SUR LA REPONSE INSULINEMIQUE QUE SUR LA REPONSE GLYCEMIQUE
[72] ZHOU, LIUMING, US
[72] PARADY, TOM, US
[72] PERERA, CHANDANI, US
[72] GERHARDT, ROBERT, US
[72] WILS, DANIEL, FR
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[54] APPAREIL DESTINE A LA COMMANDE PAR BAGUE DE TOLERANCE DE FORCES DE GLISSEMENT D'UNE INTERFACE DE GLISSEMENT
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[72] NATU, PARAG, DE
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[54] **APPAREIL PORTATIF MUNI D'UN DISPOSITIF DE COMMANDE POUR L'UTILISATION D'UNE CHARGE ELECTRIQUE**
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[72] PRAEGER, JOERG, DE
[72] FALLSCHEER, DAVID, DE
[73] ANDREAS STIHL AG & CO. KG, DE
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[73] DCL INTERNATIONAL INC., CA
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[54] **SEGMENT D'ENVELOPPE DE TURBINE**
[72] DUROCHER, ERIC, CA
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[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **TURBINE SHROUD SEGMENT WITH INTER-SEGMENT OVERLAP**
[54] **SEGMENT D'ENVELOPPE DE TURBINE AVEC CHEVAUCHEMENT INTER-SEGMENT**
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[72] LEFEBVRE, GUY, CA
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[54] **MOTEUR A COMBUSTION INTERNE ET COMPRESSEUR DE SURALIMENTATION**
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[72] CROSS, PAUL C., US
[73] HANSEN ENGINE CORPORATION, US
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[72] GLEASON, WAYNE, US
[72] CURCI, RAYMOND, US
[72] PULITO, BRETT, US
[72] BECKERDITE, KEVIN, US
[72] FULTON, RITA, US
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[54] **MODULATEURS NOVATEURS DE CANAL DE CALCIUM ACTIVE PAR LA LIBERATION DU CALCIUM**
[72] MUTHUPPALANIAPPAN, PEYYAPPAN, IN
[72] VISWANADHA, SRIKANT, IN
[72] MERIKAPUDI, GAYATRI SWAROOP, IN
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[54] **PROCEDE DE DETERMINATION DE FONCTION OPTIQUE**
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[72] GUILLOUX, CYRIL, FR
[73] ESSILOR INTERNATIONAL, FR
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[54] **PROCEDE DE PREPARATION DE COMPOSES UTILES COMME INHIBITEURS DE SGLT2**
[72] FARINA, VITTORIO, BE
[72] LEMAIRE, SEBASTIEN FRANCOIS EMMANUEL, BE
[72] HOUPIS, IOANNIS N., BE
[73] JANSSEN PHARMACEUTICA NV, BE
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[54] **EOLIENNE ET METHODE DE CONTROLE D'ORIENTATION CONNEXE**
[72] FRIEDRICH, MICHAEL, DK
[72] GRABAU, PETER, DK
[72] SORENSEN, CARSTEN BENDIX, DK
[73] ENVISION ENERGY (DENMARK) APS, DK
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[54] **PROCEDES POUR PRODUIRE DES PRODUITS HYDROCARBONES A PARTIR DE BIO-HUILES ET/OU D'HUILES LOURDES DE CHARBON**
[72] MAXWELL, IAN ERNEST (DECEASED), NZ
[73] IGNITE RESOURCES PTY LTD, AU
[73] LICELLA PTY LIMITED, AU
[73] LICELLA FIBRE FUELS PTY LTD, AU
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[54] **MELANGE DE MORTIER SEC**
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[72] LANGLOTZ, JUTTA KARIN, DE
[72] FRIEDRICH, STEFAN, DE
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[73] L & P PROPERTY MANAGEMENT COMPANY, US
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[54] **PROCEDE ET SYSTEME D'HYDROGAZEIFICATION DE LA BIOMASSE**
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[72] BABICKI, MATTHEW L., CA
[72] SELLARS, BRIAN G., CA
[72] NG, EDSON, CA
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[54] **SPECTROMETRIE DE MASSE DE COMPOSES STEROIDIENS DANS DES ECHANTILLONS MULTIPLEXES**
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[72] CLARKE, NIGEL J., US
[73] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US
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[54] **CERAMIC COMPOSITE MATERIAL CONSISTING OF ALUMINIUM OXIDE AND ZIRCONIUM OXIDE AS THE MAIN CONSTITUENTS, AND A DISPERSOID PHASE**
[54] **MATERIAU CERAMIQUE COMPOSITE COMPRENANT COMME CONSTITUANTS PRINCIPAUX DE L'OXYDE D'ALUMINIUM ET DE L'OXYDE DE ZIRCON, AINSI QU'UNE PHASE DISPERSOIDE**
[72] KUNTZ, MEINHARD, DE
[72] KUNTZ, MICHAEL, DE
[72] GOTTWIK, LUKAS, DE
[72] SCHILCHER, KRISTINA, DE
[72] MORHARDT, ANDREAS, DE
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[72] SCHNEIDER, NORBERT, DE
[73] CERAMTEC GMBH, DE
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[54] **ROTOR COMPRENANT UNE CAGE EN COURT-CIRCUIT**
[72] HUTH, GERHARD, DE
[72] URSCHEL, SVEN, DE
[72] FISCHER, RALF, DE
[73] KSB SE & CO. KGAA, DE
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[54] **COMPOSES A BASE DE N-(1H-INDAZOL-4-YL)IMIDAZO[1,2-A]PYRIDINE-3-CARBOXAMIDE SUBSTITUE UTILES EN TANT QU'INHIBITEURS DE CFMS**
[72] BOYS, MARK LAURENCE, US
[72] BRADLEY, MICHAEL, US
[72] DELISLE, ROBERT KIRK, US
[72] HENNINGS, D. DAVID, US
[72] KENNEDY, APRIL L., US
[72] MARMSATER, FREDRIK P., US
[72] MEDINA, MATTHEW, US
[72] MUNSON, MARK C., US
[72] RAST, BRYSON, US
[72] RIZZI, JAMES P., US
[72] RODRIGUEZ, MARTHA E., US
[72] TOPALOV, GEORGE T., US
[72] ZHAO, QIAN, US
[73] ARRAY BIOPHARMA INC., US
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[54] **PROCEDE ET APPAREIL VISANT A TRAITER LE RETOUR DE FLAMME LORSQUE DES GENERATEURS D'HYDROGENE SONT FIXES A DES MOTEURS A COMBUSTION POUR AMELIORER LA PERFORMANCE**
[72] ROBINSON, KENNETH W., CA
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[54] **A METHOD OF MANUFACTURING A LENS FOR PROVIDING AN OPTICAL DISPLAY**
[54] **PROCEDE DE FABRICATION D'UNE LENTILLE POUR FOURNIR UN AFFICHAGE OPTIQUE**
[72] BUCHON, CEDRIC, FR
[72] GELLY, GERARD, FR
[72] ROPTIN, VINCENT, FR
[72] VIDEMANN, ANTOINE, FR
[73] ESSILOR INTERNATIONAL, FR
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[54] **METHOD AND APPARATUS FOR GATEWAY SESSION ESTABLISHMENT**
[54] **PROCEDE ET APPAREIL PERMETTANT L'ETABLISSEMENT D'UNE SESSION PASSERELLE**
[72] ROELAND, DINAND, SE
[72] NIELSEN, JOHAN, SE
[72] PANCORBO MARCOS, MARIA BELEN, ES
[72] TURANYI, ZOLTAN RICHARD, HU
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **COMPOSITIONS ADHESIVES**
[72] VARNELL, DANIEL F., US
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[72] EVANS, MICHAEL A., US
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[73] CREWE-TECH PTY LTD, AU
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[54] **ELEMENTS DE SECURITE ET PROCEDES ET APPAREIL DE FABRICATION ASSOCIES**
[72] BARGIR, SAMEER MOHAMMED, GB
[72] HOWLAND, PAUL, GB
[73] DE LA RUE INTERNATIONAL LIMITED, GB
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[54] **METHOD OF REFORMING GASIFICATION GAS**
[54] **PROCEDE DE REFORMAGE DE GAZ DE GAZEIFICATION**
[72] SIMELL, PEKKA, FI
[72] KURKELA, ESA, FI
[72] HILTUNEN, ILKKA, FI
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[54] **PROCEDE DE MODIFICATION DE LA SAVEUR D'UN PRODUIT ALIMENTAIRE**
[72] LAHOUSSE, BERNARD, BE
[73] SENSE FOR TASTE, BE
[85] 2012-07-30
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[54] **PROCESS FOR THE ACETYLATION OF WOOD ELEMENTS**
[54] **PROCEDE ET PRODUIT ASSOCIE**
[72] MAES, MICHEL, NL
[72] POL, BENO, NL
[73] TITAN WOOD LIMITED, GB
[85] 2012-07-31
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[54] **COMPOSITION POUR LA PASSIVATION ALCALINE DE SURFACES EN ZINC**
[72] BROUWER, JAN-WILLEM, DE
[72] KROEMER, JENS, DE
[72] FRISTAD, WILLIAM E., US
[72] WILLER, ANNETTE, DE
[73] HENKEL AG & CO. KGAA, DE
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[54] **SYSTEME DE PILE ELECTROCHIMIQUE MODULAIRE**
[72] MATA, MARIANNE, US
[72] ATREYA, SHAILESH, US
[73] THE BOEING COMPANY, US
[85] 2012-08-09
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[54] **FOAM FORMULATIONS CONTAINING AT LEAST ONE TRITERPENOID**
[54] **FORMULATIONS DE MOUSSE CONTENANT AU MOINS UN TRITERPENOIDE**
[72] NEUBOURG, THOMAS, DE
[73] NEUBOURG SKIN CARE GMBH & CO. KG, DE
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[54] **REGULATION D'ENERGIE THERMIQUE DANS UN EMETTEUR-RECEPTEUR MOBILE**
[72] HUAN, HONG XIN GEORGE, US
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **SYSTEM AND METHOD FOR NETWORK SECURITY INCLUDING DETECTION OF ATTACKS THROUGH PARTNER WEBSITES**
[54] **SYSTEME ET PROCEDE DE SECURITE D'UN RESEAU INTEGRANT LA DETECTION D'ATTAQUES PASSANT PAR DES SITES WEB PARTENAIRES**
[72] WITTENSTEIN, ANDREAS, US
[72] EYNON, MIKE, US
[72] MATHER, LAURA, US
[72] LLOYD, JIM, US
[72] FRANTZ, MATT, US
[73] EMC CORPORATION, US
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[54] **CONTAINER WITH SCOOPING UTENSIL AND SCOOPING RETAINER IN THE CLOSURE**
[54] **RECIPIENT A USTENSILE DU TYPE CUILLERE ET DISPOSITIF DE RETENUE D'USTENSILE DU TYPE CUILLERE DANS LE COUVERCLE**
[72] HORTON, THOMAS C., US
[72] WIGGINS, ROBIN, US
[72] MINNETTE, JEFFREY, US
[72] JULIAN, RANDALL, US
[73] MJN U.S. HOLDINGS LLC, US
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[54] **METHOD AND APPARATUS FOR MAGNETIC CRACK DEPTH PREDICTION**
[54] **PROCEDE ET APPAREIL DE PREDICTION DE PROFONDEUR DE FISSURE MAGNETIQUE**
[72] BLAIR, IAN STEWART, AU
[72] KLECHA, STEPHANIE, GB
[72] LISSIMAN, LLOYD, AU
[73] JRB ENGINEERING PTY LTD, AU
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[54] **ASSEMBLAGE AUTOMATISE DE FUSELAGES D'AERONEF EN PANNEAU**
[72] OBEROI, HARINDER S., US
[72] NELSON, BLAIR P., US
[72] DRAPER, ALAN S., US
[72] HU, CHARLES Y., US
[72] MATTHEWSON, RANDALL, US
[72] SARH, BRANKO, US
[73] THE BOEING COMPANY, US
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[25] EN
[54] **PROCESSES USING ANTIBIOTIC ALTERNATIVES IN BIOETHANOL PRODUCTION**
[54] **PROCEDES UTILISANT DES ANTIBIOTIQUES DE REMPLACEMENT DANS FABRICATION DE BIOETHANOL**
[72] WIATR, CHRISTOPHER L., US
[72] CORCORAN, MICHAEL L., US
[72] MCNEEL, THOMAS E., US
[72] CLARK, RICHARD A., US
[72] PORTO, RITA DE CASSIA BORTOTO, US
[72] OPPONG, DAVID, US
[73] BUCKMAN LABORATORIES INTERNATIONAL, INC., US
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[54] **UNIVERSAL TRAILER LIGHT UNIT**
[54] **MODULE D'ECLAIRAGE UNIVERSEL POUR REMORQUE**
[72] SMITH, THOMAS, US
[72] ROVTAR, STEVE, US
[72] RILEY, CHRIS, US
[73] HOPKINS MANUFACTURING CORPORATION, US
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[54] **REVETEMENTS LIBERANT UN MEDICAMENT POUR DISPOSITIFS MEDICAUX**
[72] WANG, LIXIAO, US
[73] LUTONIX, INC., US
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[54] **RESEAU INTELLIGENT**
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[72] TAFT, JEFFREY D., US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **MOTEUR A PISTONS OSCILLANTS**
[72] CUNNINGHAM, STEPHEN LEE, US
[72] STUART, MARTIN A., US
[73] CUNNINGHAM, STEPHEN LEE, US
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[54] **MESURE DES RAPPORTS ISOTOPIQUES DANS LES MATRICES COMPLEXES**
[72] LAMBERTI, WILLIAM A., US
[72] KING, HUBERT E., US
[72] HORN, WILLIAM C., US
[72] ZIMMER, MINDY M., US
[72] MACLEOD, GORDON, US
[72] POTTORF, ROBERT J., US
[72] SRNKA, LEONARD J., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **VANNE MICRO-FLUIDIQUE FERMEE DE FACON SEMI-PERMANENTE**
[72] GALAS, JEAN-CHRISTOPHE, CA
[72] ROY, EMMANUEL, CA
[72] VERES, TEODOR, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **ANTI-C5A ANTIBODIES AND METHODS FOR USING THE ANTIBODIES**
[54] **ANTICORPS ANTI-C5A ET METHODES POUR UTILISER LES ANTICORPS**
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[72] SHERIDAN, DOUGLAS L., US
[72] TAMBURINI, PAUL P., US
[72] ZHANG, YUCHUN, US
[73] ALEXION PHARMACEUTICALS, INC., US
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[73] XIGEN INFLAMMATION LTD., CY
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[54] **OUTIL DE DETECTION DE RAYONNEMENT DIRECTIONNEL**
[72] SINCLAIR, PAUL L., US
[72] SCHNOOR, CHRISTOPHER A., US
[73] CBG CORPORATION, US
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[54] **METHODS AND APPARATUS FOR DETECTING UNAUTHORIZED BATTERIES OR TAMPERING BY MONITORING A THERMAL PROFILE**
[54] **METHODES ET APPAREIL DE DETECTION DE BATTERIES NON AUTORISEES OU DE MODIFICATION EN SURVEILLANT UN PROFIL THERMIQUE**
[72] RICH, DAVID GERARD, CA
[72] BRUBACHER, JONATHAN QUINN, CA
[72] IGNOR, MATTHEW MICHAEL, CA
[73] BLACKBERRY LIMITED, CA
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[54] **MATERIAU PROTECTEUR AMELIORE**
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[72] KLEIVEN, SVEIN, SE
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[54] **ELECTRICAL APPLIANCE DESIGNED FOR CULINARY PREPARATIONS IN SEPARATE SERVINGS**
[54] **APPAREIL ELECTRIQUE PREVU POUR LA REALISATION DE PREPARATIONS CULINAIRES EN PORTIONS SEPAREES**
[72] CHARLES, PATRICK, FR
[72] LACOURPAILLE, GERARD, FR
[72] ASTEGNO, JEAN-PAUL, FR
[73] SEB S.A., FR
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[72] HAYWARD, PETER, GB
[73] FOTECH SOLUTIONS LIMITED, GB
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[54] **COMPLEMENT NUTRITIONNEL ORAL A BASE D'ACIDES GRAS A SPECTRE COMPLET**
[72] PERSAUD, DERYCK R., CA
[73] PERSAUD, DERYCK R., CA
[86] (2800438)
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[54] **DERIVE DE PURINONE**
[72] YAMAMOTO, SHINGO, JP
[72] YOSHIZAWA, TOSHIO, JP
[73] ONO PHARMACEUTICAL CO., LTD., JP
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[54] **MODIFIED BETA-LACTAMASES AND METHODS AND USES RELATED THERETO**
[54] **BETA-LACTAMASES MODIFIEES ET PROCEDES ET UTILISATIONS ASSOCIES**
[72] KOSKI, PERTTI, FI
[72] AIRAKSINEN, ULLA, FI
[72] VAELIMAEKI, KATJA, FI
[73] SYNTHETIC BIOLOGICS, INC., US
[85] 2012-11-23
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[54] **PROCEDURE FOR MANUFACTURING OF COMPACT MODULES FOR CONSTRUCTION**
[54] **PROCEDE DE FABRICATION DE MODULES COMPACTS POUR LA CONSTRUCTION**
[72] MEDRAN LOPEZ, FRANCISCO, ES
[73] MEDRAN LOPEZ, FRANCISCO, ES
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[54] **METHODS OF TREATMENT USING TLR7 AND/OR TLR9 INHIBITORS**
[54] **METHODES ET TRAITEMENTS A L'AIDE D'INHIBITEURS DE TLR7 ET/ TLR9**
[72] BARRAT, FRANCK, US
[72] COFFMAN, ROBERT L., US
[72] GUIDUCCI, CRISTINA, US
[73] DYNAVAX TECHNOLOGIES CORPORATION, US
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[54] **STIMULATEURS PLOD-2 ET LEUR UTILISATION DANS LE TRAITEMENT DE LA PEAU**
[72] SANTHANAM, UMA, US
[72] KHUSIAL, PERMANAN RAAJ, US
[73] AVON PRODUCTS, INC., US
[86] (2803591)
[87] (2803591)
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[30] US (13/721,758) 2012-12-20

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[25] EN
[54] **NOVEL CALCIUM SALTS OF COMPOUND AS ANTI-INFLAMMATORY, IMMUNOMODULATORY AND ANTI-PROLIFERATORY AGENTS**
[54] **NOUVEAUX SELS DE CALCIUM DE COMPOSES EN TANT QU'AGENTS ANTI-INFLAMMATOIRES, IMMUNOMODULATEURS ET ANTIPROLIFERATIFS**
[72] AMMENDOLA, ALDO, DE
[72] DIEDERICHS, JULIA, DE
[72] LEBAN, JOHANN, DE
[72] VITT, DANIEL, DE
[73] 4SC AG, DE
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[25] EN
[54] **ADJUSTED NOISE SUPPRESSION AND VOICE ACTIVITY DETECTION**
[54] **LIMITATION DES PARASITES REGLEE ET DETECTION DE L'ACTIVITE VOCALE**
[72] HANSSON, PER MAGNUS FREDRIK, CA
[72] MOQUIN, PHILIPPE GILBERT JACQUES JOSEPH, CA
[73] BLACKBERRY LIMITED, CA
[86] (2804523)
[87] (2804523)
[22] 2013-01-30
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[25] EN
[54] **METHOD FOR PRODUCING FLEXOGRAPHIC PRINTING PLATES USING UV-LED IRRADIATION**
[54] **PROCEDE COMPRENANT UNE IRRADIATION A DEL UV POUR FABRIQUER DES MOULES DE FLEXOGRAPHIE**
[72] SCHADEBRODT, JENS, DE
[72] BECKER, ARMIN, DE
[72] STEBANI, UWE, DE
[72] THATE, MAXIMILIAN, DE
[73] FLINT GROUP GERMANY GMBH, DE
[85] 2013-01-09
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[30] DE (10 2010 031 527.3) 2010-07-19

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[25] EN
[54] **SYSTEM AND METHOD OF REMOVING BEADS FROM TIRES**
[54] **SYSTEME ET PROCEDE DE RETRAIT DES TALONS DES PNEUS**
[72] PROCHELLO, JULIE K., US
[72] PEDERSON, LES, US
[72] METZ, DENNIS, US
[72] BREHMER, JOE, US
[73] BREHMER MFG. INC., US
[86] (2805392)
[87] (2805392)
[22] 2013-02-08
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[25] EN
[54] **COAXIAL COUNTER-ROTATING ROTOR SYSTEM**
[54] **SYSTEME DE ROTOR CONTRAROTATIF COAXIAL**
[72] CORRIGAN, JOHN, US
[72] STAMPS, FRANK B., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2805485)
[87] (2805485)
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[25] EN
[54] **INTERLOCKING CUTLERY AND RELATED METHODS**
[54] **COUVERTS EMBOITABLES ET PROCEDES ASSOCIES**
[72] WALTERS, RICHARD S., US
[73] GPCP IP HOLDINGS LLC, US
[85] 2013-01-15
[86] 2011-07-22 (PCT/US2011/044931)
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[25] EN
[54] **REMOVABLE STRIP FOR PACKAGING CUTLERY AND RELATED METHODS**
[54] **BANDE AMOVIBLE POUR LE RANGEMENT DE COUVERTS DE TABLE ET PROCEDES ASSOCIES**
[72] WALTERS, RICHARD S., US
[73] GPCP IP HOLDINGS LLC, US
[85] 2013-01-16
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[54] **5-HT2B RECEPTOR ANTAGONISTS**
[54] **ANTAGONISTES DE RECEPTEUR DE 5-HT2B**
[72] THURING, JOHANNES WILHELMUS JOHN F., BE
[72] VER DONCK, LUC AUGUST LAURENTIUS, BE
[73] JANSSEN PHARMACEUTICA NV, BE
[85] 2013-01-25
[86] 2011-08-30 (PCT/EP2011/064906)
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[25] EN
[54] **AN ATTACHMENT FOR PERCUSSION DRILL TOOLS**
[54] **ACCESSOIRE POUR OUTILS DE FORAGE A PERCUSSION**
[72] PURCELL, JOSEPH, IE
[73] MINCON INTERNATIONAL, IE
[85] 2013-01-29
[86] 2011-08-10 (PCT/EP2011/063778)
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[30] IE (S2010/0502) 2010-08-12

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[25] EN
[54] **PRESERVATIVE FREE BIMATOPROST AND TIMOLOL SOLUTIONS**
[54] **SOLUTIONS DE BIMATOPROST ET DE TIMOLOL SANS CONSERVATEUR**
[72] LIKITLERSUANG, SUKHON, US
[72] PARASHAR, AJAY P., US
[72] PUJARA, CHETAN P., US
[72] KELLY, WILLIAM F., US
[73] ALLERGAN, INC., US
[85] 2013-01-29
[86] 2011-07-28 (PCT/US2011/045654)
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[25] EN
[54] **AMMONIUM NITRATE FUEL OIL MIXTURES**
[54] **MELANGES DE FUELS CONTENANT DU NITRATE D'AMMONIUM**
[72] FEDOROV, ANDRE, GB
[72] LOVE, BARRY, GB
[73] THE LUBRIZOL CORPORATION, US
[85] 2013-01-30
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[54] **PETROLEUM DESALTING UTILIZING VOLTAGE MODULATION**
[54] **DESSALAGE DE PETROLE UTILISANT LA MODULATION DE TENSION**
[72] SAMS, GARY, W., US
[72] MANDEWALKAR, S. PAVANKUMAR, B., US
[73] CAMERON TECHNOLOGIES LIMITED, NL
[85] 2013-02-01
[86] 2011-08-05 (PCT/US2011/046713)
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[51] **Int.Cl. C07D 513/04 (2006.01) A61K 31/542 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUND AND USE THEREOF**
[54] **COMPOSE HETEROCYCLIQUE ET SON UTILISATION**
[72] KORI, MASAKUNI, JP
[72] IMAEDA, TOSHIHIRO, JP
[72] NAKAMURA, SHINJI, JP
[72] TOYOFUKU, MASASHI, JP
[72] HONDA, EIJI, JP
[72] ASANO, YASUTOMI, JP
[72] UJIKAWA, OSAMU, JP
[72] MOCHIZUKI, MICHIYO, JP
[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2013-02-04
[86] 2011-08-09 (PCT/JP2011/068497)
[87] (WO2012/020848)
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[25] EN
[54] **COMBINED DRUG DELIVERY METHODS AND APPARATUS**
[54] **PROCEDES ET APPAREILS D'ADMINISTRATION COMBINEE DE MEDICAMENT**
[72] DE JUAN, EUGENE, JR., US
[72] ALSTER, YAIR, US
[72] FARINAS, KATHLEEN COGAN, US
[72] REICH, CARY J., US
[72] CAMPBELL, RANDOLPH E., US
[72] MACFARLANE, K. ANGELA, US
[72] ERICKSON, SIGNE, US
[73] FORSIGHT VISION4, INC., US
[85] 2013-02-05
[86] 2011-08-05 (PCT/US2011/046817)
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[25] EN
[54] **IMAGE CODING METHOD, IMAGE DECODING METHOD, IMAGE CODING APPARATUS, AND IMAGE DECODING APPARATUS**
[54] **METHODE DE CODAGE D'IMAGE, METHODE DE DECODAGE D'IMAGE, APPAREIL DE CODAGE D'IMAGE ET APPAREIL DE DECODAGE D'IMAGE**
[72] SUGIO, TOSHIYASU, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SASAI, HISAI, JP
[73] SUN PATENT TRUST, US
[85] 2013-02-07
[86] 2011-09-21 (PCT/JP2011/005323)
[87] (WO2012/039136)
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[25] FR
[54] **METHOD FOR DIAGNOSING NEURODEGENERATIVE DISEASES**
[54] **METHODE DE DIAGNOSTIC DES MALADIES NEURODEGENERATIVES**
[72] HUGON, JACQUES, FR
[72] PAQUET, CLAIRE, FR
[72] DUMURGIER, JULIEN, FR
[72] MOUTON-LIGER, FRANCOIS, FR
[73] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
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[25] EN
[54] **METHOD OF PRODUCING PANCREATIC HORMONE-PRODUCING CELLS**
[54] **PROCEDE DE PRODUCTION DE CELLULES PRODUISANT UNE HORMONE PANCREATIQUE**
[72] HOSOYA, MASAKI, JP
[72] SHOJI, MASANOBU, JP
[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2013-02-07
[86] 2011-08-08 (PCT/JP2011/068487)
[87] (WO2012/020845)
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[51] **Int.Cl. B65G 23/06 (2006.01) B65G 45/22 (2006.01)**
[25] EN
[54] **SPROCKETS FOR A FLEXIBLE CONVEYOR BELT AND CONVEYOR BELT SYSTEM**
[54] **ROUE DENTEE POUR BANDE TRANSPORTEUSE SOUPLE ET SYSTEME DE BANDE TRANSPORTEUSE**
[72] LUCCHI, MARCO, CH
[73] HABASIT AG, CH
[85] 2013-02-11
[86] 2011-08-12 (PCT/EP2011/063990)
[87] (WO2012/020141)
[30] US (12/856,578) 2010-08-13
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[25] EN
[54] **OIL CONTAINMENT ASSEMBLY AND METHOD OF USING SAME**
[54] **ENSEMBLE DE CONFINEMENT DE PETROLE ET SON PROCEDE D'UTILISATION**
[72] BELZILE, BRUNO P., CA
[72] SINCLAIR, PAULA, CA
[73] ROILBLUE CORPORATION, CA
[85] 2013-02-13
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[54] **A SLEWING APPARATUS**
[54] **APPAREIL D'ORIENTATION**
[72] NYGAARD, STIG ANDRE, NO
[73] MACGREGOR NORWAY AS, NO
[85] 2013-02-20
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[87] (WO2012/028528)
[30] NO (20101218) 2010-09-01

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[25] EN
[54] **EMULSIONS FOR REMOVAL AND PREVENTION OF DEPOSITS**
[54] **EMULSIONS POUR L'ELIMINATION ET LA PREVENTION DE DEPOTS**
[72] BIERGANNS, PATRIC, DE
[72] BROECHER, MARKUS, DE
[72] KANTO-OEQUIST, CHARLOTTA, DE
[73] SOLENIS TECHNOLOGIES CAYMAN, L.P., CH
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[25] EN
[54] **SYSTEMS AND METHODS FOR TOMOGRAPHIC IMAGING IN DIFFUSE MEDIA USING A HYBRID INVERSION TECHNIQUE**
[54] **SYSTEMES ET PROCEDES D'IMAGERIE TOMOGRAPHIQUE EN MILIEU DIFFUS FAISANT APPEL A UNE TECHNIQUE D'INVERSION HYBRIDE**
[72] RIPOLL LORENZO, JORGE, ES
[72] YARED, WAEL I., US
[72] KEMPNER, JOSHUA, US
[73] VISEN MEDICAL, INC., US
[85] 2013-02-27
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[25] EN
[54] **HYDROXYCHROMAN DERIVATIVES AS ENGINE OIL ANTIOXIDANTS**
[54] **DERIVES D'HYDROXYCHROMANE COMME ANTIOXYDANTS D'HUILE MOTEUR**
[72] CRAWLEY, SETH L., US
[72] CARRICK, VIRGINIA A., US
[73] THE LUBRIZOL CORPORATION, US
[85] 2013-02-28
[86] 2011-08-30 (PCT/US2011/049622)
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[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINATION OF A BRAINSTEM RESPONSE STATE DEVELOPMENT**
[54] **SYSTEME ET PROCEDE POUR LA DETERMINATION DU DEVELOPPEMENT DE L'ETAT DU POTENTIEL DU TRONC CEREBRAL**
[72] KALLSTRAND, JOHAN, SE
[73] SENSODETECT AB, SE
[85] 2013-03-01
[86] 2011-09-05 (PCT/EP2011/065340)
[87] (WO2012/028749)
[30] US (61/379,748) 2010-09-03
[30] EP (10175201.2) 2010-09-03

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[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **ACCESS CONTROL FOR USER-RELATED DATA**
[54] **CONTROLE D'ACCES A DES DONNEES RELATIVES A UN UTILISATEUR**
[72] AGARWAL, ANURAG, US
[72] MOONKA, RAJAS, US
[72] SWAMY, RAGHAVA HASSAN, NANJUNDA, US
[72] ZAMIR, OREN E., US
[72] FURMAN, VADIM, US
[73] GOOGLE LLC, US
[85] 2013-03-01
[86] 2011-08-31 (PCT/US2011/049921)
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[51] **Int.Cl. C22F 1/18 (2006.01) B21J 5/00 (2006.01) C22F 1/00 (2006.01)**
[25] EN
[54] **PROCESSING ROUTES FOR TITANIUM AND TITANIUM ALLOYS**
[54] **TRAINS DE TRAITEMENT DE TITANE ET D'ALLIAGES DE TITANE**
[72] FORBES JONES, ROBIN M., US
[72] MANTIONE, JOHN V., US
[72] DE SOUZA, URBAN J., US
[72] THOMAS, JEAN-PHILIPPE, US
[72] MINISANDRAM, RAMESH S., US
[72] KENNEDY, RICHARD L., US
[72] DAVIS, R. MARK, US
[73] ATI PROPERTIES LLC, US
[85] 2013-03-04
[86] 2011-08-22 (PCT/US2011/048546)
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[30] US (12/882,538) 2010-09-15

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[51] **Int.Cl. G06Q 20/40 (2012.01) G07F 7/08 (2006.01) G06F 21/33 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTHENTICATING A PAYMENT TERMINAL**
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION D'UN TERMINAL DE PAIEMENT**
[72] HAYHOW, ROBERT, CA
[72] GLEESON, BRYAN MICHAEL, CA
[73] THE TORONTO DOMINION BANK, CA
[86] (2810616)
[87] (2810616)
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[25] EN
[54] **PYRAZOLOQUINOLINE COMPOUND**
[54] **COMPOSE DE PYRAZOLOQUINOLINE**
[72] KAIZAWA, HIROYUKI, JP
[72] YAMAMOTO, HIROFUMI, JP
[72] KAMIJO, KAZUNORI, JP
[72] SUGITA, MARI, JP
[72] SEO, RYUSHI, JP
[72] YAMAMOTO, SATOSHI, JP
[72] UKAI, ATSUSHI, JP
[73] ASTELLAS PHARMA INC., JP
[85] 2013-03-06
[86] 2011-09-07 (PCT/JP2011/070410)
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[51] **Int.Cl. F16D 23/06 (2006.01)**
[25] EN
[54] **SYNCHRONIZATION UNIT FOR A POSITIVE DUAL CLUTCH**
[54] **UNITE DE SYNCHRONISATION POUR UN EMBRAYAGE PRINCIPAL A COMPLEMENTARITE DE FORME**
[72] RANK, ROBERT, DE
[72] GLOMM, MATTHIAS, DE
[72] HAMPEL, CHRISTIAN, DE
[72] HAESEKER, THOMAS, DE
[73] STROMAG GMBH, DE
[85] 2013-03-12
[86] 2011-08-18 (PCT/EP2011/064203)
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[30] DE (10 2010 046 139.3) 2010-09-14

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[51] **Int.Cl. B65D 90/02 (2006.01) E04B 1/348 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING AN ENFORCED DELIMITED ELEMENT AND SUCH AN ELEMENT**
[54] **PROCEDE DE FABRICATION D'ELEMENT DELIMITE RENFORCE ET UN TEL ELEMENT**
[72] GUSTAVSSON, JACK, SE
[73] CESIUM HOLDING AB, SE
[85] 2013-03-19
[86] 2011-09-24 (PCT/SE2011/000166)
[87] (WO2012/039661)
[30] SE (1000954-6) 2010-09-24

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[13] C
[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/02 (2006.01)**
[25] EN
[54] **DEVICE, METHOD, SYSTEM AND KIT FOR THE DETECTION OF CONTAMINANTS AND/OR PATHOGENS IN CONSUMABLES BY WAY OF A COLOR-CHANGE ANALYSIS USING NANOPARTICLES WITHIN A HYDROGEL**
[54] **DISPOSITIF, PROCEDE, SYSTEME ET NECESSAIRE POUR LA DETECTION DES CONTAMINANTS OU DES PATHOGENES DANS DES PRODUITS CONSOMPTIBLES PAR LE BIAIS D'UNE ANALYSE DE CHANGEMENT DE COULEURUTILISANT DES NANOPARTICULES DANS UN HYDROGEL**
[72] TOTH, ATTILA DANIEL, CA
[72] TSELIOS, MAYA, CA
[73] TOTH, ATTILA DANIEL, CA
[73] TSELIOS, MAYA, CA
[86] (2812312)
[87] (2812312)
[22] 2012-11-20

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[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/064 (2006.01) A61B 17/072 (2006.01)**
[25] EN
[54] **FASTENER SYSTEM COMPRISING A RETENTION MATRIX**
[54] **SYSTEME DE FIXATION COMPRENANT UNE MATRICE DE RETENTION**
[72] WOODARD, JAMES A., JR., US
[72] SCHEIB, CHARLES J., US
[72] BOUDREAUX, CHAD P., US
[72] BRUEWER, DEAN B., US
[72] SCHWEMBERGER, RICHARD F., US
[72] SCHALL, CHRISTOPHER J., US
[72] MORGAN, JEROME R., US
[72] SIMMS, ROBERT J., US
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[72] COHEN, JASON, US
[72] PETROSKI, DAN, US
[72] EAGAN, DEBORAH, US
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[54] **N-CARBOXYALKYL-AURISTATINES ET LEUR UTILISATION**
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[72] EL SHEIKH, SHERIF, DE
[72] STELTE-LUDWIG, BEATRIX, DE
[72] GOLFIER, SVEN, DE
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[54] **POLYETHEROL NON RETICULE HAUTEMENT FONCTIONNEL ET PRODUCTION ET UTILISATION DUDIT POLYETHEROL**
[72] BRUCHMANN, BERND, DE
[72] CRISTADORO, ANNA, DE
[72] ELIZALDE, OIHANA, US
[72] STEINBRECHER, ANGELIKA MARIA, DE
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[72] MURPHY, RICHARD LUKE, US
[72] REY, CEDRIC, CH
[72] ZSOLT, ALBERT, CH
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[54] **SYSTEMES ET PROCEDES POUR L'ADMINISTRATION SOUS-CUTANEE DE PRESSION REDUITE EMPLOYANT DES LUMIERES RECONFIGURABLES**
[72] KAGAN, JONATHAN, US
[72] CORNET, DOUGLAS A., US
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[54] **APPAREIL A FILET DE PECHE POUVANT ETRE COUVERT**
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[72] LIU, PENGFEI, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **CONTROLE ET CARACTERISATION D'ETATS PSYCHOTIQUES**
[72] DEISSEROTH, KARL, US
[72] SOHAL, VIKAAS, US
[72] GUNAYDIN, LISA, US
[73] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **SYSTEME DE PILE A COMBUSTIBLE A OXYDE SOLIDE ET PROCEDE D'EXPLOITATION D'UN SYSTEME DE PILE A COMBUSTIBLE A OXYDE SOLIDE**
[72] BOZZOLO, MICHELE, GB
[72] AGNEW, GERALD DANIEL, GB
[73] LG FUEL CELL SYSTEMS INC., US
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[54] **SYSTEME ET PROCEDE DE TELEDETECTION**
[72] GONZALEZ, MANUEL E., US
[72] THOMPSON, M. CLARK, US
[72] WILLIFORD, ROBERT L., US
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[54] **UTILISATION D'UN COPOLYMERE A AFFINITES HYDROPHOBES EN TANT QU'ADJUVANT DANS DES APPLICATIONS SPECIFIQUES AUX CHAMPS PETROLIERS**
[72] REICHENBACH-KLINKE, ROLAND, DE
[72] LAFUENTE CERDA, OSCAR, DE
[72] ASSMANN, ANDREA, DE
[72] LANGLOTZ, BJORN, DE
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[54] **ARTICLES DE SERVICE ALIMENTAIRE PORTANT DES MARQUES, IMAGES OU CONTENUS PERSONNALISES DECORATIFS ET PROCEDE ASSOCIE**
[72] HEVERLY, CURTIS, US
[72] MITHAL, ASHISH K., US
[72] EVANS, MICHAEL G., US
[73] WADDINGTON NORTH AMERICA, INC., US
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[54] **COMPLEXE NON TOXIQUE A BASE D'OXYDE DE ZINC, STABLE SUR UN SPECTRE UVA ETENDU**
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[54] **ELECTRICAL MACHINE WITH A MACHINE HOUSING FOR RECEIVING A STATOR AND A ROTOR**
[54] **MACHINE ELECTRIQUE COMPORTANT UN LOGEMENT DE MACHINE DESTINE A RECEVOIR UN STATOR ET UN ROTOR**
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[72] GUTJAHR, FRANK, DE
[73] BAUMULLER NURNBERG GMBH, DE
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[72] WATSON, NEIL, US
[73] LIFETIME PRODUCTS, INC., US
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[54] **DISPOSITIF DE CATHETER D'ALIMENTATION ENTERALE COMPORTANT UN INDICATEUR**
[72] ROTELLA, JOHN A., US
[72] HERSHEY, ADRIENNE A., US
[72] MCMICHAEL, DONALD J., US
[73] AVENT, INC., US
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[54] **INSERT AND VIAL FOR THE INFUSION OF LIQUIDS**
[54] **INSERT ET FLACON POUR LA PERFUSION DE LIQUIDES**
[72] FINI, MASSIMO, IT
[72] VENERONI, ALAIN, IT
[72] WEHMEYER, WOLFGANG, DE
[72] HOFMANN, WOLFGANG, DE
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
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[54] **PROCEDES ET DISPOSITIFS DE COMMUNICATION SUR UN CANAL RADIO EN FONCTION D'UN ENCODAGE CONJOINT DE FORMAT DE PREAMBULE AVEC UNE CONFIGURATION D'ACCES ALEATOIRE**
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[73] OPTIS WIRELESS TECHNOLOGY, LLC, US
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[54] **NOUVEAU BIOMARQUEUR ET SES UTILISATIONS DANS LE DIAGNOSTIC, LE TRAITEMENT DE L'AUTISME**
[72] MOMENI, NAGHI, SE
[72] PERSSON, BENGT L., SE
[73] AUTISM BIOTECH LIMITED, IE
[85] 2013-06-14
[86] 2011-12-13 (PCT/SE2011/051504)
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[54] **PROCESS FOR MAKING LOW-CALORIE CONFECTIONERY PRODUCT AND CONFECTIONERY PRODUCT**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT DE CONFISERIE FAIBLEMENT CALORIQUE, ET PRODUIT DE CONFISERIE**
[72] LOESER, ULRICH, DE
[72] FISCHER, GUNTHER, DE
[72] PAGGIOS, KONSTANTINOS, DE
[72] KLEMMER, HELGE F.M., DE
[72] SCHETZBERG, SABINE, DE
[72] STREY, REINHARD, DE
[72] SEYLLER, MILENA, FR
[72] ULLRICH, FRANK, DE
[73] KRAFT FOODS R & D, INC., US
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[54] **MUD-LUBRICATED BEARING ASSEMBLY WITH MECHANICAL SEAL**
[54] **ENSEMBLE PALIER LUBRIFIE A L'AIDE DE BOUE AVEC JOINT D'ETANCHEITE MECANIQUE**
[72] MARCHAND, NICHOLAS RYAN, CA
[72] PRILL, JONATHAN RYAN, CA
[73] NATIONAL OILWELL VARCO, L.P., US
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[54] **CABLE TRANSPORTATION SYSTEM WITH AT LEAST ONE HAUL CABLE AND A TROLLEY, AND RELATIVE OPERATING METHOD**
[54] **SYSTEME DE TRANSPORT PAR CABLE DOTE AU MOINS D'UN CABLE PORTEUR ET D'UN CHARIOT, ET SON PROCEDE DE FONCTIONNEMENT**
[72] WIESER, HARTMUT, IT
[72] ERHARTER, NIKOLAUS, IT
[73] LEITNER S.P.A., IT
[85] 2013-06-19
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[54] **OUTIL MOTORISE ELECTRIQUE DESTINE A UN IMPACT ORTHOPEDIQUE**
[72] PEDICINI, CHRISTOPHER, US
[73] MEDICAL ENTERPRISES DISTRIBUTION, LLC, US
[85] 2013-06-26
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[54] **SYSTEME ET PROCEDE POUR ENTRAINER UN ELEMENT DE FIXATION**
[72] TEBO, GLENN J., US
[73] TEBO, GLENN J., US
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[54] **MOLYBDENUM DISULFIDE POWDERS AND METHODS AND APPARATUS FOR PRODUCING THE SAME**
[54] **POUDRES DE BISULFURE DE MOLYBDENE, LEURS PROCEDES ET APPAREIL DE FABRICATION**
[72] LOGUE, GREGORY RUE, US
[72] GIANNOTTI, LARRY, US
[72] DE GALA, GARY G., US
[72] COLE, JAMES A., US
[72] COTTRELL, DAVID L., US
[73] CLIMAX MOLYBDENUM COMPANY, US
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[54] **BINDER COMPOSITIONS COMPRISING LIGNIN DERIVATIVES**
[54] **COMPOSITIONS DE LIANT COMPRENANT DES DERIVES DE LIGNINE**
[72] BERLIN, ALEX, CA
[73] FIBRIA INNOVATIONS INC., CA
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[54] **PROCEDURE DE PREPARATION D'UNE MICROEMULSION POUR AMELIORER LE FLUX D'HYDROCARBURES LOURDS**
[72] SCHACHT HERNANDEZ, PERSI, MX
[72] ORTEGA GARCIA, FELIPE DE JESUS, MX
[72] DOMINGUEZ ESQUIVEL, JOSE MANUEL, MX
[72] MAR JUAREZ, ELIZABETH, MX
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[72] KACZMAREK, KRZYSZTOF, PL
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[54] **METHODE ET APPAREIL DE RECUPERATION DE SOLIDES D'EFFLUENT A BASE D'EAU**
[72] LI, XIAOMEI, CA
[72] FENG, YONGSHENG, CA
[72] LI, WEIJIAO, CN
[72] XU, XIAOQIU, CN
[73] XY GREEN CARBON INC., CA
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[72] GAJARDO RODRIGUEZ, RODRIGO, ES
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[72] KINDER, LEE M., CA
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[72] ROBERTS, ANDREW, GB
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[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DE L'OROTATE DE PACLITAXEL**
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[73] SAVVIPHARM INC, US
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[72] ETTL, RICHARD, CH
[73] REP IP AG, CH
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[54] **APPAREIL ET PROCEDES POUR FACILITER L'ENLEVEMENT DE GAZON EXISTANT ET L'INSTALLATION DE NOUVEAU GAZON**
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[72] MOTZ, DAVID P., US
[73] TECHNOLOGY LICENSING CORPORATION, US
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[54] **PROCEDES POUR FORMER DES MATERIAUX POLYCRISTALLINS COMPRENANT LA PRODUCTION DE MATERIAU AVEC DES GRAINS SUPERABRASIFS AVANT TRAITEMENT HPHT, ET CORPS COMPACTS POLYCRISTALLINS ET ELEMENTS COUPANTS FORMES PAR DE TELS PROCEDES**
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[73] BAKER HUGHES INCORPORATED, US
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[54] **DISPERSION AQUEUSE D'UN ELASTOMERE A BASE DE POLYAMIDE ET SON PROCEDE DE FABRICATION**
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[72] MIYAZAKI, HIROMASA, JP
[72] MATSUKAWA, TAIJI, JP
[73] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
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[54] **ENSEMBLE DE CARTOUCHES A PLUSIEURS COMPOSANTS**
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[72] SCHEUBER, MARKUS, CH
[73] SULZER MIXPAC AG, CH
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[54] **PROCEDE DE PRODUCTION D'AU MOINS UN PRODUIT A PARTIR D'AU MOINS UN GAZ REACTIF DANS UN LIT DE BOUE**
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[73] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA
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[72] ULM, RALPH WALTER, CA
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[54] **APPAREIL DE CO-EXTRUSION ASSISTE PAR UN GAZ ET PROCEDE POUR FORMER DES ALIMENTS**
[72] GIMMLER, NORBERT, US
[72] ALMEIDA DOMINGUEZ, HELBERT DAVID, US
[72] BERNATH, CHARLES, US
[72] SMITH, CHARLES A., US
[72] ENGLE, TERRY (DECEASED), US
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[54] **COMPOSITIONS PHARMACEUTIQUES LIPOSOMALES INHALABLES**
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[72] MCCOOK, JOHN PATRICK, US
[73] BERG LLC, US
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[54] **PILE A COMBUSTIBLE A OXYDE SOLIDE ET INTERCONNECTEUR**
[72] OKUYAMA, YASUO, JP
[72] KUMAKIRI, TAKAYUKI, JP
[73] NGK SPARK PLUG CO., LTD., JP
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[54] **IMAGE CODING METHOD, IMAGE DECODING METHOD, IMAGE CODING APPARATUS, IMAGE DECODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS**
[54] **PROCEDE DE CODAGE D'IMAGES, PROCEDE DE DECODAGE D'IMAGES, DISPOSITIF DE CODAGE D'IMAGES, DISPOSITIF DE DECODAGE D'IMAGES ET DISPOSITIF DE CODAGE ET DE DECODAGE D'IMAGES**
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[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SASAI, HISAO, JP
[72] TANIKAWA, KYOKO, JP
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[54] **MODULATION DE L'HEMATOPOIESE INDUITE PAR LES ST6GAL 1**
[72] LAU, JOSEPH, US
[72] NASIRI KENARI, MEHRAB, US
[73] HEALTH RESEARCH, INC., US
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[54] **ENSEMBLE DE FIXATION MAGNETIQUE POUR FIXER UN MOULE EN METAL FERREUX A UNE GRILLE DE CUISSON**
[72] SUDERMAN, DONALD A., US
[73] BUNTING MAGNETICS CO., US
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[54] STRUCTURE DE CAPTEUR OPTIQUE POUR DETECTER UNE FUITE D'EAU OU D'HUILE A L'INTERIEUR D'UN CONSERVATEUR AYANT UNE VESSIE OU MEMBRANE
[72] CHEIM, LUIZ A.V, US
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[73] PLAYINNOVATION LIMITED, GB
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[72] DEVRIES, ADAM M., US
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[54] PROCEDE ET APPAREIL POUR LA NAVIGATION COMPRENANT DES MODELES NON LINEAIRES
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[72] NOURELDIN, ABOELMAGD, CA
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[54] **PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, ET DISPOSITIF DE CODAGE ET DE DECODAGE D'IMAGE**
[72] WAHADANIAH, VIKTOR, SG
[72] LIM, CHONG SOON, SG
[72] NAING, SUE MON THET, SG
[72] SUN, HAI WEI, SG
[72] NISHI, TAKAHIRO, JP
[72] SASAI, HISAO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SUGIO, TOSHIYASU, JP
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[72] O'BRIEN, WILLIAM G., CA
[72] YEAP, TET HIN, CA
[72] MURRAY, SEAN MACLEAN, CA
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[72] MANTIUS, HAROLD L., US
[72] BERRY, MARTIN FOSTER, US
[73] OCEAN SPRAY CRANBERRIES, INC., US
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[54] **DISPOSITIF DE VAPORISATION MEDICALE AVEC BUSE ET PROCEDE DE PRODUCTION D'UN CONE DE PULVERISATION**
[72] VOGT, SEBASTIAN, DE
[73] HERAEUS MEDICAL GMBH, DE
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[54] **METHOD FOR CONTROLLING AN OBSTRUCTION LIGHT AND A WIND PARK FOR CARRYING OUT SUCH A METHOD**
[54] **PROCEDE DE COMMANDE D'UN FEU D'OBSTACLE OU PARC EOLIEN POUR LA MISE EN OEUVRE D'UN TEL PROCEDE**
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[54] **DISPOSITIF INDICATEUR**
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[54] **PROCEDE POUR SURVEILLER LA PERFORMANCE D'UN REFROIDISSEUR DE LUBRIFIANT D'UN GROUPE AUXILIAIRE DE BORD D'AERONEF**
[72] GU, ZHUPING, CN
[72] DING, HUIFENG, CN
[72] ZHENG, FENGLIANG, CN
[72] WU, JIAJU, CN
[72] CHEN, LEI, CN
[72] HUANG, LEI, CN
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[72] WANG, BINGZHENG, CN
[73] AIR CHINA LIMITED, CN
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[54] **PROCEDE ET SYSTEMES POUR FORMER DES NANOTUBES DE CARBONE**
[72] DENTON, ROBERT D., US
[72] NOYES, DALLAS B., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] SOLID CARBON PRODUCTS LLC, US
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[54] **DISPOSITIF DE COMPENSATION DU POIDS D'UNE PORTE RELEVABLE PRESENTANT AU MOINS UN RESSORT DE COMPRESSION**
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[54] **METHOD OF DETERMINING RESERVOIR PROPERTIES AND QUALITY WITH MULTIPLE ENERGY X-RAY IMAGING**
[54] **METHODE POUR DETERMINER LES PROPRIETES D'UN RESERVOIR ET SA QUALITE FAISANT APPEL A L'IMAGERIE RADIOLOGIQUE MULTI-ENERGIE**
[72] DVORKIN, JACK, US
[72] DERZHI, NAUM, US
[72] DIAZ, ELIZABETH, US
[72] WALLS, JOEL, US
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[54] **AFFICHAGE DE SUIVI OCULAIRE COMPACT PORTE SUR LA TETE**
[72] GAO, CHUNYU, US
[72] HUA, HONG, US
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[73] AUGMENTED VISION, INC., US
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[54] **METHODE ET APPAREIL DE DEPLOIEMENT ET DE SUPPORT D'UN OBJET FLEXIBLE**
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[72] HUME, PETER JOHN, NZ
[73] THE LOOK GROUP INCORPORATED, VG
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[54] **SYSTEMS, METHODS, AND ARTICLES OF MANUFACTURE TO MEASURE ONLINE AUDIENCES**
[54] **SYSTEMES, PROCEDES ET PRODUITS MANUFACTURES PERMETTANT DE MESURER DES AUDIENCES EN LIGNE**
[72] OLIVER, JAMES R., US
[72] STACKHOUSE, HERBERT F., US
[72] DOE, PETER C., US
[72] TANG, CANDY, US
[72] HA, MICHELLE, US
[73] THE NIELSEN COMPANY (US), LLC, US
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[54] **FILLING AND CLOSING DEVICE, AND METHOD FOR FILLING AND CLOSING AN APPLICATOR FOR ACTIVE SUBSTANCES**
[54] **SYSTEME ET PROCEDE DE REMPLISSAGE ET FERMETURE D'UN APPLICATEUR DE SUBSTANCE ACTIVE**
[72] JOOS, THOMAS, DE
[72] GOTZ, ACHIM, DE
[72] BOHN, MARKUS, DE
[72] MATTERN, UDO, CH
[72] MATTERN, CLAUDIA, CH
[73] HARRO HOFLIGER VERPACKUNGSMASCHINEN GMBH, DE
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[54] **PARTICULES DE TYPE VIRUS COMPRENANT UNE MATRICE DE PROTEINE A PARTIR D'UN VIRUS ENVELOPPE DE PLANTE ET UTILISATIONS DE CELLES-CI**
[72] PROKHNEVSKY, ALEXEI, US
[72] YUSIBOV, VIDADI, US
[73] FRAUNHOFER USA, INC., US
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[54] **AUTOMATED MACHINE TO FOLD IN A ZIGZAG MANNER AND STACK A CREASED TAPE MADE OF A SUFFICIENTLY RIGID MATERIAL**
[54] **MACHINE AUTOMATIQUE POUR PLIER EN ZIGZAG ET EMPILER UNE BANDE PLISSEE CONSTITUEE D'UN MATERIAU SUFFISAMMENT RIGIDE**
[72] CAPOIA, GIUSEPPE, IT
[73] PANOTEC SRL, IT
[85] 2014-09-05
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[54] **MISE EN MEMOIRE TAMPON VIDEO A FAIBLE RETARD DANS UN CODAGE VIDEO**
[72] WANG, YE-KUI, US
[72] CHEN, YING, US
[73] QUALCOMM INCORPORATED, US
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[86] 2013-02-26 (PCT/US2013/027815)
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[54] **SYSTEME DE TRANSPORT CONTINU DE BARRES**
[72] BASLER, HERMANN, CA
[72] PENNER, JONATHAN P., CA
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[72] RANUCCI, KEVIN J., US
[72] GUPTA, SAURAV V., US
[72] GRIDER, KEITH A., US
[72] LEATZOW, DEREK, US
[73] C.R. BARD, INC., US
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[54] **METHOD AND APPARATUS FOR DETERMINING REFERENCE IMAGES FOR INTER PREDICTION**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DETERMINER DES IMAGES DE REFERENCE POUR LA PREDICTION INTER**
[72] LEE, TAMMY, KR
[73] SAMSUNG ELECTRONICS CO., LTD, KR
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[54] **SYSTEM AND METHOD FOR DEVICE CLUSTER DATA DISPLAY**
[54] **SYSTEME ET PROCEDE D'AFFICHAGE DE DONNEES DE GROUPE DE DISPOSITIFS**
[72] DAY, DONALD, US
[72] THOMPSON, PAUL, US
[72] COYLE, TIMOTHY, US
[72] WALLACE, JOHN, US
[73] EMERSON CLIMATE TECHNOLOGIES RETAIL SOLUTIONS, INC., US
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[72] GEORGE, BRIAN P., US
[72] RAMANATHAN, CHARULATHA, US
[72] JIA, PING, US
[72] ZENG, QINGGUO, US
[72] VASUDEVAN, VENKATESH, US
[72] STROM, MARIA, US
[72] BOKAN, RYAN, US
[72] DUBOIS, REMI, FR
[73] CARDIOINSIGHT TECHNOLOGIES, INC., US
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[54] **BUBBLE SIZE DETERMINATION BASED ON BUBBLE STIFFNESS**
[54] **DETERMINATION DE TAILLE DE BULLE BASEE SUR LA RIGIDITE DE BULLE**
[72] DAVIS, MICHAEL A., US
[73] CIDRA CORPORATE SERVICES INC., US
[85] 2014-12-11
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[54] **PROCESS FOR PRODUCING BIOFUEL USING A PRE-TREATED DEOXYGENATED STREAM**
[54] **PROCEDE DE FABRICATION DE BIOCARBURANT A L'AIDE D'UN COURANT DESOXYGENE PRETRAITE**
[72] LIN, RONNY W., US
[72] BAUER, LORENZ J., US
[73] KIOR, INC., US
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[54] **FLOW PROFILING TECHNIQUES BASED ON MODULATED MAGNETIC-ELECTRICAL IMPEDANCE TOMOGRAPHY**
[54] **TECHNIQUES DE TOMOGRAPHIE A IMPEDANCE MAGNETIQUE-ELECTRIQUE MODULEE A PROFILAGE DE FLUX**
[72] KERSEY, ALAN D., US
[73] CIDRA CORPORATE SERVICES INC., US
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[54] **EAR CLAMP**
[54] **COLLIER DE SERRAGE A OREILLE**
[72] KENWRIGHT, ERIC THOMAS, CA
[73] OETIKER SCHWEIZ AG, CH
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[51] **Int.Cl. G01V 3/24 (2006.01)**
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[54] **SYSTEM AND METHOD TO INDUCE AN ELECTROMAGNETIC FIELD WITHIN THE EARTH**
[54] **SYSTEME ET PROCEDE POUR INDUIRE UN CHAMP ELECTROMAGNETIQUE DANS LA TERRE**
[72] HIBBS, ANDREW D., US
[72] MORRISON, H. FRANK, US
[73] GROUNDMETRICS, INC., US
[85] 2015-03-04
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[25] EN
[54] **AGGREGATION SOURCE ROUTING**
[54] **ROUTAGE DE SOURCE D'AGREGATION**
[72] CALDWELL, JOHN RYAN, US
[73] MX TECHNOLOGIES, INC., US
[85] 2015-03-06
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[25] EN
[54] **COMPLIANT EXPANSION SWAGE**
[54] **REDRESSE-TUBES FLEXIBLE EXTENSIBLE**
[72] THOMSON, GORDON, US
[72] RING, LEV, US
[72] GANDIKOTA, VARADARAJU, US
[72] REINHARDT, PAUL ANDREW, US
[72] LUKE, MIKE A., US
[72] LI, DAVID S., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **PRIORITY BASED IMAGE PROCESSING METHODS**
[54] **METHODES DE TRAITEMENT D'IMAGE FONDEES SUR LA PRIORITE**
[72] MAZUR, DOMINIK K., US
[72] FOLKENS, BRADFORD A., US
[73] CLOUDSIGHT, INC., US
[86] (2885863)
[87] (2885863)
[22] 2015-03-23
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[30] US (61/976,494) 2014-04-07
[30] US (14/267,840) 2014-05-01
[30] US (61/987,156) 2014-05-01
[30] US (61/031,397) 2014-07-31
[30] US (62/069,160) 2014-10-27
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[54] **REMOTE MASTER RESET OF MACHINE**
[54] **REENCLENCHEMENT PRINCIPAL A DISTANCE D'UNE MACHINE**
[72] CASNER, BRUCE A., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2015-05-12
[86] 2014-02-17 (PCT/US2014/016735)
[87] (WO2014/133815)
[30] US (13/780,512) 2013-02-28

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[54] **CONNECTOR ASSEMBLY FOR CONNECTING PIPES**
[54] **ENSEMBLE RACCORD POUR RELIER DES TUYAUX**
[72] LEE, KWANG WON, KR
[73] JUNGWOO METAL IND. CO., LTD., KR
[85] 2015-05-29
[86] 2014-08-28 (PCT/KR2014/008036)
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[54] **HYDROCARBONS PROCESSING USING RADIATION**
[54] **TRAITEMENT D'HYDROCARBURES A L'AIDE D'UN RAYONNEMENT**
[72] MEDOFF, MARSHALL, US
[73] XYLECO, INC., US
[86] (2893141)
[87] (2893141)
[22] 2009-04-28
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[51] **Int.Cl. A61K 31/194 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **TOPICAL TREATMENT OF INFLAMMATORY SKIN CONDITIONS USING A COMBINATION OF AURIN TRICARBOXYLIC, AURIN QUADRACARBOXYLIC AND AURIN HEXACARBOXYLIC ACIDS**
[54] **TRAITEMENT TOPIQUE DE TROUBLES CUTANES INFLAMMATOIRES AU MOYEN D'UNE COMBINAISON D'ACIDE AURINE TRICARBOXYLIQUE, D'ACIDE AURINE QUADRACARBOXYLIQUE ET D'ACIDE AURINE HEXACARBOXYLIQUE**
[72] MCGEER, PATRICK L., CA
[72] LEE, MOONHEE, CA
[72] BELL, DOUGLAS N., US
[73] AURIN BIOTECH INC., CA
[85] 2015-06-05
[86] 2013-06-21 (PCT/CA2013/050488)
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[25] EN
[54] **NUTRITIONAL FORMULATIONS USING HUMAN MILK OLIGOSACCHARIDES FOR MODULATING INFLAMMATION**
[54] **COMPOSITIONS NUTRITIVES UTILISANT DES OLIGOSACCHARIDES DU LAIT HUMAIN POUR MODULER L'INFLAMMATION**
[72] DUSKA-MCEWEN, GERALYN, US
[72] COMSTOCK, SARAH, US
[72] DONOVAN, SHARON, US
[72] BUCK, RACHAEL, US
[72] SCHALLER, JOSEPH, US
[73] ABBOTT LABORATORIES, US
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[54] **CELL OUTAGE DETECTION AND COMPENSATION METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE DETECTION ET DE COMPENSATION DE L'INDISPONIBILITE D'UNE CELLULE**
[72] HU, CHUNLI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-07-06
[86] 2014-01-07 (PCT/CN2014/070209)
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[54] **MULTI-MODE SOFTWARE AND METHOD FOR A WELDING TRAINING SYSTEM**
[54] **LOGICIEL MULTIMODE ET PROCEDE POUR UN SYSTEME DE FORMATION DE SOUDAGE**
[72] BECKER, WILLIAM J., US
[72] BEESON, RICHARD, US
[72] HIDDEN, STEVEN D., US
[72] DARISIPUDI, ASHOK, US
[73] ILLINOIS TOOL WORKS INC., US
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[86] 2014-02-24 (PCT/US2014/018107)
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[51] **Int.Cl. G10L 19/26 (2013.01)**
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[54] **METHOD AND APPARATUS FOR NORMALIZED AUDIO PLAYBACK OF MEDIA WITH AND WITHOUT EMBEDDED LOUDNESS METADATA ON NEW MEDIA DEVICES**
[54] **PROCEDE ET APPAREIL PERMETTANT UNE LECTURE AUDIO NORMALISEE D'UN CONTENU MULTIMEDIA AVEC ET SANS DES METADONNEES INTEGREES DE VOLUME SONORE SUR DE NOUVEAUX DISPOSITIFS MULTIMEDIAS**
[72] BLEIDT, ROBERT, US
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-07-17
[86] 2014-01-27 (PCT/EP2014/051484)
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[54] **DOWNHOLE INJECTOR INSERT APPARATUS**
[54] **APPAREIL D'ELEMENT RAPPORTE D'INJECTEUR DE FOND DE TROU**
[72] ALIFANO, JOSEPH A., US
[72] TILMONT, DANIEL, US
[72] PEIFFER, SEAN C., US
[73] ORBITAL ATK, INC., US
[85] 2015-07-31
[86] 2014-01-09 (PCT/US2014/010834)
[87] (WO2014/123655)
[30] US (61/761,629) 2013-02-06
[30] US (13/832,992) 2013-03-15

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[25] EN
[54] **RECANALIZATION DEVICE**
[54] **DISPOSITIF DE RECANALISATION**
[72] BATES, MARK C., US
[72] CULLY, EDWARD H., US
[72] WILLIAMS, DAVID M., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-08-04
[86] 2014-03-07 (PCT/US2014/021550)
[87] (WO2014/149924)
[30] US (61/794,425) 2013-03-15
[30] US (14/198,962) 2014-03-06

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[13] C
[51] **Int.Cl. B65D 90/02 (2006.01)**
[25] EN
[54] **CONVERTED INTERMODAL CONTAINER FOR USE AS A WATER PROCESSING TANK**
[54] **CONTENEUR MULTIMODAL CONVERTI DESTINE A ETRE UTILISER EN TANT QUE RESERVOIR DE TRAITEMENT DES EAUX**
[72] DOWNEY, JASON, CA
[72] KEMPSON, JEFFREY, CA
[73] NEWTERRA LTD., CA
[85] 2015-08-10
[86] 2014-02-11 (PCT/CA2014/000094)
[87] (WO2014/121380)
[30] US (61/762,968) 2013-02-11
[30] US (61/875,267) 2013-09-09

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[51] **Int.Cl. B65D 85/60 (2006.01)**
[25] EN
[54] **CONFECTIONERY PACKAGING AND METHOD FOR FORMING**
[54] **EMBALLAGE DE FRIANDISE ET METHODE DE FORMAGE**
[72] WETTON, AMY, GB
[72] DISAVINO, VINCENZO, GB
[72] CLARK, JO-ANN, GB
[72] LLOYD, ADAM, GB
[73] MONDELEZ UK R & D LIMITED, GB
[85] 2015-08-12
[86] 2014-03-06 (PCT/GB2014/050667)
[87] (WO2014/135884)
[30] GB (1304169.4) 2013-03-07

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[25] EN
[54] **RADIUSED ID BAFFLE**
[54] **ECRAN D'IDENTIFICATION AYANT UN RAYON**
[72] MERRON, MATT JAMES, US
[72] WALTON, ZACHARY WILLIAM, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-08-14
[86] 2014-03-24 (PCT/US2014/031593)
[87] (WO2014/160646)
[30] US (13/852,493) 2013-03-28

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[51] **Int.Cl. H01L 41/02 (2006.01) H01L 41/16 (2006.01)**
[25] EN
[54] **COMPOSITE MATERIAL USED AS A STRAIN GAUGE**
[54] **MATERIAU COMPOSITE UTILISE EN TANT QUE JAUGE DE CONTRAINTE**
[72] MERRELL, AARON JAKE, US
[72] FULLWOOD, DAVID T., US
[72] BOWDEN, ANTON E., US
[72] REMINGTON, TAYLOR D., US
[73] NANO COMPOSITE PRODUCTS, INC., US
[85] 2015-08-18
[86] 2014-03-14 (PCT/US2014/028984)
[87] (WO2014/144532)
[30] US (61/789,730) 2013-03-15
[30] US (61/956,394) 2013-06-08
[30] US (61/960,489) 2013-09-19
[30] US (61/961,970) 2013-10-28

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[51] **Int.Cl. F16L 25/01 (2006.01) G01N 27/20 (2006.01) G01N 27/24 (2006.01) H01R 39/64 (2006.01)**
[25] EN
[54] **FLEXIBLE CONTACT ARRANGEMENT FOR HOSE ASSEMBLY**
[54] **AGENCEMENT DE CONTACT SOUPLE POUR ENSEMBLE DE TUYAU SOUPLE**
[72] WELLS, MICHAEL PAUL, US
[72] BETSINGER, JAMES DEAN, US
[73] EATON CORPORATION, US
[85] 2015-08-21
[86] 2014-02-21 (PCT/US2014/017590)
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[30] US (61/768,325) 2013-02-22

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[51] **Int.Cl. E06B 9/32 (2006.01)**
[25] EN
[54] **ACTUATING DEVICE, ESPECIALLY FOR A SHADING SYSTEM, FOR ACTUATION WITH A STRING ELEMENT**
[54] **DISPOSITIF D'ACTIONNEMENT, NOTAMMENT POUR MECANISME D'OMBRAGE, SERVANT A ACTIONNER UN ELEMENT A CORDE**
[72] GRAMSCH, WILFRIED, DE
[73] HUNTER DOUGLAS INDUSTRIES SWITZERLAND GMBH, CH
[86] (2903689)
[87] (2903689)
[22] 2015-09-04
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[51] **Int.Cl. A61K 9/48 (2006.01) A61K 47/30 (2006.01) A61K 47/38 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **TARGETED GASTROINTESTINAL TRACT DELIVERY OF PROBIOTIC ORGANISMS AND/OR THERAPEUTIC AGENTS**
[54] **ADMINISTRATION CIBLEE D'ORGANISMES PROBIOTIQUES ET/OU D'AGENTS THERAPEUTIQUES DANS LE TRACTUS GASTRO-INTESTINAL**
[72] SCHENTAG, JEROME J., US
[72] KABADI, MOHAN, US
[73] THERABIOME, LLC, US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/027228)
[87] (WO2014/152338)
[30] US (61/781,810) 2013-03-14
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[51] **Int.Cl. E04F 13/24 (2006.01) E04F 13/08 (2006.01) E04F 13/25 (2006.01)**
[25] EN
[54] **EXTERIOR STRUCTURE**
[54] **STRUCTURE EXTERIEURE**
[72] OCHI, YOSHIO, JP
[73] NICHIHA CORPORATION, JP
[86] (2905998)
[87] (2905998)
[22] 2015-09-28
[30] JP (JP2015-182159) 2015-09-15

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[13] C
[51] **Int.Cl. H04B 7/26 (2006.01) H04L 5/00 (2006.01)**
[25] EN
[54] **ACKNOWLEDGEMENT MECHANISM IN FREQUENCY MULTIPLEXED COMMUNICATION IN DENSE WIRELESS ENVIRONMENTS**
[54] **MECANISME D'ACCUSE DE RECEPTION DANS UNE COMMUNICATION A MULTIPLEXAGE EN FREQUENCE DANS DES ENVIRONNEMENTS SANS FIL DENSES**
[72] MERLIN, SIMONE, US
[72] BARRIAC, GWENDOLYN DENISE, US
[72] SAMPATH, HEMANTH, US
[72] VERMANI, SAMEER, US
[72] TIAN, BIN, US
[72] ZHOU, YAN, US
[72] TANDRA, RAHUL, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-09-24
[86] 2014-04-30 (PCT/US2014/036200)
[87] (WO2014/179478)
[30] US (61/819,096) 2013-05-03
[30] US (61/846,579) 2013-07-15
[30] US (14/265,255) 2014-04-29

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[51] **Int.Cl. B25J 9/16 (2006.01)**
[25] EN
[54] **AN INDUSTRIAL ROBOT AND A METHOD FOR CONTROLLING AN INDUSTRIAL ROBOT**
[54] **UN ROBOT INDUSTRIEL ET UNE METHODE DE CONTROLE D'UN ROBOT INDUSTRIEL**
[72] GERIO, GIAN PAOLO, IT
[72] WIKLUND, ALLAN MATHIAS, IT
[72] BARONCELLI, ARTURO, IT
[73] COMAU S.P.A., IT
[86] (2909755)
[87] (2909755)
[22] 2015-10-20
[30] IT (TO2014A000924) 2014-11-07

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[13] C
[51] **Int.Cl. A45D 2/48 (2006.01) A41G 5/02 (2006.01) A45D 44/00 (2006.01)**
[25] EN
[54] **SPEED EYELASH EXTENDER**
[54] **RECOURBE-CILS A USAGE RAPIDE**
[72] JANG, MI HEE, KR
[72] GANG, DEUK JUNG, KR
[73] ISISWIG CO., LTD., KR
[85] 2015-10-21
[86] 2014-04-26 (PCT/KR2014/003697)
[87] (WO2014/175709)
[30] KR (10-2013-0046887) 2013-04-26

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[51] **Int.Cl. C09K 13/04 (2006.01) C25B 1/00 (2006.01)**
[25] EN
[54] **REGENERATION OF ETCH SOLUTIONS CONTAINING TRIVALENT MANGANESE IN ACID MEDIA**
[54] **REGENERATION DE SOLUTIONS D'ATTAQUE CONTENANT DU MANGANESE TRIVALENT DANS DES MILIEUX ACIDES**
[72] HERDMAN, RODERICK D., GB
[73] MACDERMID ACUMEN, INC., US
[85] 2015-10-23
[86] 2014-04-01 (PCT/US2014/032460)
[87] (WO2014/176001)
[30] US (13/870,232) 2013-04-25

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[51] **Int.Cl. H04L 9/32 (2006.01) G07F 7/10 (2006.01) H04L 9/08 (2006.01)**
[25] FR
[54] **METHOD FOR GENERATING AT LEAST ONE DERIVED IDENTITY**
[54] **PROCEDE POUR GENERER AU MOINS UNE IDENTITE DERIVEE**
[72] DIDIER, BERNARD, FR
[72] CHABANNE, HERVE, FR
[72] BRINGER, JULIEN, FR
[73] MORPHO, FR
[85] 2015-10-28
[86] 2014-04-23 (PCT/EP2014/058284)
[87] (WO2014/177444)
[30] FR (1354006) 2013-04-30

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[51] **Int.Cl. C02F 3/00 (2006.01) C02F 1/00 (2006.01) C12M 1/00 (2006.01) C12M 1/12 (2006.01)**
[25] EN
[54] **BIOLOGICAL LOAD FOR BIOREACTOR**
[54] **CHARGE BIOLOGIQUE POUR BIOREACTEUR**
[72] PUKEMO, MIKHAIL, CA
[73] PUKEMO, MIKHAIL, CA
[86] (2911345)
[87] (2911345)
[22] 2015-11-06
[30] RU (2014144740) 2014-11-07
[30] US (14933284) 2015-11-05

[11] 2,911,365
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[51] **Int.Cl. H01M 8/04313 (2016.01) H01M 8/04225 (2016.01) H01M 8/0432 (2016.01) H01M 8/04492 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND START-UP METHOD THEREOF AT A BELOW-FREEZING TEMPERATURE**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET METHODE DE DEMARRAGE DE LADITE PILE A DES TEMPERATURES INFERIEURES AU POINT DE CONGELATION**
[72] YAMAMORI, KEITARO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911365)
[87] (2911365)
[22] 2015-11-05
[30] JP (2014-231455) 2014-11-14

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[13] C
[51] **Int.Cl. H01M 8/02 (2016.01) H01M 2/02 (2006.01) H01M 2/08 (2006.01)**
[25] EN
[54] **FUEL CELL MODULE ON WHICH ANODIC OXIDE COATING IS FORMED AND VEHICLE INCLUDING THE FUEL CELL MODULE**
[54] **MODULE DE PILE A COMBUSTIBLE SUR LEQUEL UN REVETEMENT D'OXYDE ANODIQUE EST FORME ET VEHICULE COMPORTANT LE MODULE DE PILE A COMBUSTIBLE**
[72] NISHIUMI, HIROAKI, JP
[72] MIZUNO, SEIJI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911601)
[87] (2911601)
[22] 2015-11-09
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[51] **Int.Cl. A61G 5/10 (2006.01) A61G 5/04 (2013.01) A61G 5/06 (2006.01)**
[25] EN
[54] **STABILITY CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE STABILITE**
[72] BEKOSCKE, ROBERT, US
[72] JURKIEWICZ, DAMON, US
[72] FOUGHT, GERALD, US
[73] INVACARE CORPORATION, US
[86] (2911675)
[87] (2911675)
[22] 2008-02-07
[62] 2,829,909
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[54] **A METHOD AND SYSTEM UTILIZING TWO BEVERAGE CARTRIDGES FOR PREPARATION OF FIRST AND SECOND PORTIONS OF A BEVERAGE**
[54] **UNE METHODE ET UN SYSTEME EMPLOYANT DEUX CARTOUCHES DE BOISSON POUR LA PREPARATION D'UNE PREMIERE ET D'UNE DEUXIEME PORTIONS D'UNE BOISSON**
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[72] HALLIDAY, ANDREW, GB
[72] BALLARD, COLIN, GB
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[54] **IMPROVED PRESSURE RELIEF VALVE FOR RAILROAD TANK CARS**
[54] **SOUPAPE DE SURPRESSION PERFECTIONNEE POUR WAGONS-CITERNES FERROVIAIRES**
[72] MCKISIC, AUBRA D., US
[73] TRINITY TANK CAR, INC., US
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[54] **CONTROLE DISTRIBUE D'UN SYSTEME DE COMMUTATION MODULAIRE**
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[54] **SYSTEME DE PRODUCTION DE CULTURES SEMI-AUTOMATIQUE**
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[73] LEWIS, MYLES D., US
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[54] **OUTIL DE TRAITEMENT ET DISPOSITIF D'OURLAGE**
[72] YOSHIMICHI, HITOSHI, JP
[72] MIWA, HIROSHI, JP
[72] NAMIKI, SHIGETOSHI, JP
[73] HONDA MOTOR CO., LTD., JP
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[54] **IMPLANT SQUELETTIQUE A CONDENSATION FACILITANT L'INTRODUCTION**
[72] FROMOVICH, OPHIR, IL
[72] JACOBY, YUVAL, IL
[72] BICHACHO, NITZAN, IL
[72] KARMON, BEN-ZION, IL
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[54] **SYSTEME DE COMMUTATION MULTI PETABITS/S EMPLOYANT DES COMMUTATEURS LATENTS**
[72] BESHAI, MAGED E., CA
[73] BESHAI, MAGED E., CA
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[54] **SYSTEME FLUIDIQUE POUR L'APPORT DE REACTIF A UNE CUVE A CIRCULATION**
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[72] VERKADE, DREW, US
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[72] SCHALLER, DANIEL, CH
[72] FILIPPOVITCH, SERGEI, CA
[72] VOGLER, DANIEL, CH
[72] FIELERS, FRANK, DE
[73] ROSEN SWISS AG, CH
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[54] **ROTARY SPIDER TINE FOR TILLAGE IMPLEMENT**
[54] **DENT ROTATIVE A CROISILLONS POUR INSTRUMENT DE TRAVAIL DU SOL**
[72] MEIER, JOSEPH SHAWN, US
[72] HUGHES, JEFFREY SCOTT, US
[72] BERGMANN, DONALD EUGENE, US
[73] AGCO CORPORATION, US
[86] (2915913)
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[54] **METHOD FOR DE-ICING A ROTOR BLADE OF A WIND TURBINE**
[54] **METHODE DE DEGIVRAGE D'UNE PALE DE ROTOR D'UNE EOLIENNE**
[72] RZEPKA, MAREK, DE
[72] SCHONFELD, KRISCHAN, DE
[72] BOLZ, JURGEN, DE
[72] WARFEN, KARSTEN, DE
[73] SENVION GMBH, DE
[86] (2916779)
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[54] **CLEANING DEVICE, CLOTH AND HOLDER**
[54] **APPAREIL DE NETTOYAGE, SERPILLERE ET SUPPORT**
[72] CALDERON, JOAQUIM BARRERA, DE
[73] CARL FREUDENBERG KG, DE
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[54] **FLEXIBLE CONTAINERS HAVING IMPROVED SEAM AND METHODS OF MAKING THE SAME**
[54] **CONTENANTS FLEXIBLES A SOUDURE AMELIOREE ET LEURS PROCEDES DE FABRICATION**
[72] STANLEY, SCOTT KENDYL, US
[72] BERG, CHARLES JOHN, JR., US
[72] MCGUIRE, KENNETH STEPHEN, US
[72] ARENT, LEE MATHEW, US
[72] CLARE, BENJAMIN JACOB, US
[72] BOURGEOIS, MARC RICHARD, US
[72] ISHIHARA, TADAYOSHI, US
[72] LESTER, JOSEPH CRAIG, US
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[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **EMBALLAGE RENFORCE**
[72] FITZWATER, KELLY R., US
[72] STRAND, SCOTT THOMAS, US
[73] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
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[54] **UTILISATION D'OPERATEURS INVERSES DESTINES A DES INTERROGATIONS SUR DES RESEAUX SOCIAUX EN LIGNE**
[72] RAINA, RAJAT, US
[72] HONG, KIHYUK, US
[72] SANKAR, SRIRAM, US
[72] VIROCHSIRI, KITTIPAT, US
[72] CURTISS, MICHAEL, US
[72] MISHRA, CHAITANYA, US
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[54] **COMPOSITION DE REVETEMENT ET DE LIANT POUR DES PLAQUES DE PLATRE**
[72] FOSTER, MICHAEL D., US
[72] MORETZ, NELLIE, US
[72] BAILEY, JAMES E., US
[72] KIRKWOOD, JOHN E., US
[72] BLAND, BRIAN W., US
[72] FADHEL, ALI, US
[73] GEORGIA-PACIFIC GYPSUM LLC, US
[73] VALSPAR HOLDINGS I, INC., US
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[54] **CERAMIC VAPORIZER WITH REPLACEABLE E-LIQUID STORAGE MEDIUM AND ELECTRONIC CIGARETTES HAVING THE SAME**
[54] **VAPORISATEUR EN CERAMIQUE DOTE D'UN SUPPORT DE STOCKAGE DE LIQUIDE POUR CIGARETTE ELECTRONIQUE REMPLACABLE ET CIGARETTES ELECTRONIQUES COMPORTANT LEDIT VAPORISATEUR**
[72] ZHU, XIAOCHUN, CN
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[54] **METHOD AND APPARATUS FOR REMOVING ACID-GASES FROM HYDROCARBON-BEARING SALTWATER SOLUTION**
[54] **METHODE ET APPAREIL D'EXTRACTION DES GAZ ACIDES DE SOLUTION D'EAU SALEE RENFERMANT DES HYDROCARBURES**
[72] BARNES, CHRISTOPHER M., US
[72] HANNA, TY, US
[73] APACHE CORPORATION, US
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[54] **FORMULATIONS FOR STABILIZING MOISTURE IN MUSCLE FOODS**
[54] **FORMULATIONS DE STABILISATION DE L'HUMIDITE DES ALIMENTS TONIFIANTS**
[72] HULL, RICHARD, US
[72] TOLEDO, MO, US
[72] TOLEDO, ROMEO, US
[73] ISOAGE TECHNOLOGIES LLC, US
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[54] **CONTENT RECEIVING DEVICE, OPENING/CLOSING MECHANISM, AND CONTAINER MECHANISM COMPRISING THE SAME**
[54] **DISPOSITIF DE RECEPTION DE CONTENU, MECANISME D'OUVERTURE ET FERMETURE, ET MECANISME DE CONTENANT RENFERMANT LEDIT DISPOSITIF**
[72] PARK, HYEON SOO, KR
[73] PARK, SUHJUN, KR
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[54] **METHOD AND APPARATUS FOR UPDATING DATA TABLE OF KEYVALUE DATABASE**
[54] **METHODE ET APPAREIL DE MISE A JOUR DE TABLE DE DONNEES D'UNE BASE DE DONNEES DE VALEUR CLE**
[72] GUO, YIJUN, CN
[72] BI, JIESHAN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **UNE METHODE DE COLLECTE D'UN MATERIAU CIBLE COMPRENANT L'UTILISATION D'UN COLLECTEUR DOTE D'UNE CANULE ET CENTRIFUGATION**
[72] CAMPTON, DANIEL, US
[72] STEWART, DAVID, US
[72] LUNDT, JONATHAN, US
[72] NORDBERG, JOSHUA, US
[72] QUARRE, STEVE, US
[72] SEUBERT, RONALD, US
[72] U'REN, LANCE, US
[73] RARECYTE, INC., US
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[54] **PAGINATION CONTINUE**
[72] SOMAIYA, MANAS HARIBHAI, US
[72] CHAKRABORTY, RABI, US
[72] DE, NIRVEEK, US
[72] BALIGA, AKSHATA, US
[72] DASGUPTA, SUDEEP, US
[72] VARSHNEY, MEENAL, US
[72] MARSHALL, DENNIS, US
[72] GOPALAKRISHNAN, GANESH, US
[73] PAYPAL, INC., US
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[54] **PROCEDES D'AJUSTEMENT DE FLUX DE PRODUCTION ET SYSTEMES D'OPERATIONS DE DIAGRAPHIE**
[72] DONDERICI, BURKAY, US
[72] RODNEY, PAUL F., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PANNEAU DE REDUCTION DE BRUIT SOUS-MARIN ET STRUCTURE DE RESONATEUR**
[72] WILSON, PRESTON, US
[72] LEE, KEVIN M., US
[72] WOCHNER, MARK S., US
[72] MENDEZ MARTINEZ, HECTOR L., US
[73] WILSON, PRESTON, US
[73] LEE, KEVIN M., US
[73] WOCHNER, MARK S., US
[73] MENDEZ MARTINEZ, HECTOR L., US
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[54] **METHOD FOR THE SYNTHESIS OF IRINOTECAN**
[54] **PROCEDE DE SYNTHESE D'IRINOTECAN**
[72] ZABUDKIN, ALEXANDER, UA
[72] MATVIENKO, VIKTOR, UA
[73] SYNBIAS PHARMA AG, CH
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[54] **AUTOMATED WORKFLOW CAPTURE FOR ANALYSIS AND ERROR REPORTING IN A DRILLING APPLICATION**
[54] **CAPTURE AUTOMATISEE DE DEROULEMENT DE TRAVAUX POUR ANALYSE ET SIGNALEMENT D'ERREURS DANS UNE APPLICATION DE FORAGE**
[72] ANGHELESCU, FLORIN M., CA
[72] CRAWSHAY, DAVID, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **UNE VALVE MEDICALE AUTOMATIQUE DOTEE D'UN JOINT A DIAMETRE VARIABLE**
[72] FURNISH, GREG, US
[72] APPLING, ANTHONY, US
[72] MORRIS, BENJAMIN, US
[73] FREUDENBERG MEDICAL, LLC, US
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[51] **Int.Cl. A61F 11/00 (2006.01) G10K 11/26 (2006.01)**
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[54] **AUDITORY SENSITIVITY ADJUSTMENT DEVICE**
[54] **DISPOSITIF D'AJUSTEMENT DE SENSIBILITE AUDITIVE**
[72] KUMAGAWA, YOSUKE, JP
[73] KUMAGAWA, YOSUKE, JP
[85] 2016-04-05
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[54] **METHOD AND APPARATUS FOR NETWORK MANAGEMENT USING PERIODIC MEASUREMENTS OF INDICATORS**
[54] **PROCEDE ET SYSTEME DE GESTION DE RESEAU UTILISANT DES MESURES PERIODIQUES D'INDICATEURS**
[72] KWAK, JOSEPH, US
[73] INTEL CORPORATION, US
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[54] **HORIZONTAL DRAINPIPE HEAT EXCHANGER**
[54] **ECHANGEUR THERMIQUE DE TUYAU D'EVACUATION HORIZONTAL**
[72] MACKELVIE, WINSTON, CA
[73] MACKELVIE, WINSTON, CA
[86] (2927158)
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[22] 2016-04-13

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[54] **ELECTRICAL GANG BOX ASSEMBLY**
[54] **ENSEMBLE DE BOITIER D'INTERRUPTEURS ELECTRIQUES**
[72] WURTZ, JESSE H., US
[73] WURTZ, JESSE H., US
[86] (2927306)
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[22] 2016-04-14
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[25] EN
[54] **CAM ASSEMBLY FOR USE WITH POLE CLIMBING FALL RESTRICTION DEVICE**
[54] **MECANISME DE CAME DESTINE A UN DISPOSITIF DE RESTRICTION DE CHUTE LORS DE L'ESCALADE DE POTEAU**
[72] TRUESDELL, KEVIN W., US
[72] BATTY, TIMOTHY, US
[72] RULLO, JAMES J., US
[72] CANFIELD, DEFOREST C., US
[73] BUCKINGHAM MANUFACTURING COMPANY, INC., US
[86] (2928081)
[87] (2928081)
[22] 2016-04-25
[30] US (62/152,085) 2015-04-24

[11] 2,928,133
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[51] **Int.Cl. H04W 80/02 (2009.01) H04W 72/14 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING DOWNLINK CONTROL INFORMATION FOR REPEATER**
[54] **PROCEDE ET APPAREIL PERMETTANT D'EMETTRE ET DE RECEVOIR DES INFORMATIONS DE COMMANDE DE LIAISON DESCENDANTE DESTINEES A UN REPETEUR**
[72] SEO, HANBYUL, KR
[72] KIM, BYOUNGHOON, KR
[72] KIM, KIJUN, KR
[72] KIM, HAKSEONG, KR
[73] LG ELECTRONICS INC., KR
[86] (2928133)
[87] (2928133)
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[30] US (61/356,547) 2010-06-18
[30] US (61/358,380) 2010-06-24
[30] US (61/366,521) 2010-07-21
[30] US (61/368,638) 2010-07-28
[30] US (61/376,680) 2010-08-25
[30] US (61/376,694) 2010-08-25
[30] US (61/391,078) 2010-10-08

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[13] C
[51] **Int.Cl. A22C 17/00 (2006.01) A23L 13/00 (2016.01)**
[25] EN
[54] **RECEIVING BASKET FOR A LIFTING DEVICE AS WELL AS METHOD FOR FEEDING A FOOD PROCESSING MACHINE**
[54] **PANIER RECEPTEUR DESTINE A UN APPAREIL DE LEVAGE AINSI QUE METHODE D'ALIMENTATION D'UNE MACHINE DE TRAITEMENT DES ALIMENTS**
[72] MAILE, BERND, DE
[73] ALBERT HANDTMANN MASCHINENFABRIK GMBH & CO. KG, DE
[86] (2928264)
[87] (2928264)
[22] 2016-04-27
[30] EP (15 172 845.8) 2015-06-19

[11] 2,928,331
[13] C
[51] **Int.Cl. B30B 3/00 (2006.01) B30B 15/00 (2006.01)**
[25] EN
[54] **A HARD BODY AS GRID ARMORING FOR A ROLLER PRESS, A METHOD FOR ITS PRODUCTION, AND A ROLLER FOR A ROLLER PRESS**
[54] **UN CORPS RIGIDE COMME BLINDAGE DE GRILLE DE PRESSE A ROULEAUX, UNE METHODE DE PRODUCTION ASSOCIEE ET UN ROULEAU DE PRESSE A ROULEAUX**
[72] FRANGENBERG, MEINHARD, DE
[72] EBENHAN, KARSTEN, DE
[73] TAKRAF GMBH, DE
[86] (2928331)
[87] (2928331)
[22] 2016-04-28
[30] DE (10 2015 207 922.8) 2015-04-29

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[54] **SPREADER**
[54] **EPANDEUR**
[72] WENDORFF, TERRY C., US
[72] GAMBLE, ROBERT N., II, US
[73] SNO-WAY INTERNATIONAL, INC., US
[85] 2016-05-10
[86] 2014-08-27 (PCT/US2014/052930)
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[30] US (62/027,014) 2014-07-21
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[51] **Int.Cl. B24B 9/04 (2006.01) B24B 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR AUTOMATIC SHARPENING OF A BLADE**
[54] **PROCEDE PERMETTANT UN AFFUTAGE AUTOMATIQUE D'UNE LAME**
[72] ERIKSSON, MAGNUS, SE
[73] PROSHARP INC., US
[73] ERIKSSON, MAGNUS, SE
[85] 2016-05-11
[86] 2014-11-12 (PCT/US2014/065135)
[87] (WO2015/077092)
[30] US (61/905,981) 2013-11-19

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[13] C
[51] **Int.Cl. C12P 5/00 (2006.01) C12N 5/00 (2006.01) C12P 17/04 (2006.01)**
[25] EN
[54] **PRODUCTION OF THAPSIGARGINS BY THAPSIA CELL SUSPENSION CULTURE**
[54] **PRODUCTION DE THAPSIGARGINES PAR CULTURE EN SUSPENSION DE CELLULES DE THAPSIA**
[72] GORR, GILBERT, DE
[72] HECKENMULLER, HARALD, DE
[72] WILKE, JENS STEFAN, DE
[72] ULLISCH, DAVID ALEXANDER, DE
[72] SANKAR-THOMAS, YANTREE DEVI, DE
[73] PHYTON HOLDINGS, LLC, US
[85] 2016-05-13
[86] 2014-12-02 (PCT/IB2014/002638)
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[51] **Int.Cl. C04B 28/22 (2006.01) C09K 8/46 (2006.01) E21B 33/138 (2006.01) E21B 33/14 (2006.01)**
[25] EN
[54] **IN SITU REFRACTORY BINDER COMPOSITIONS**
[54] **COMPOSITIONS DE LIANT REFRACTAIRE IN SITU**
[72] AGAPIOU, KYRIS, US
[72] IVERSON, BEN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-16
[86] 2013-12-20 (PCT/US2013/076809)
[87] (WO2015/094322)

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[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6844 (2018.01) C12Q 1/6876 (2018.01)**
[25] EN
[54] **MULTIPLEXED NUCLEIC ACID TARGET IDENTIFICATION BY STRUCTURE BASED PROBE CLEAVAGE**
[54] **IDENTIFICATION D'UNE CIBLE D'ACIDE NUCLEIQUE MULTIPLEXEE PAR UN CLIVAGE DE SONDE REPOSANT SUR UNE STRUCTURE**
[72] GUPTA, AMAR, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-05-17
[86] 2014-12-18 (PCT/EP2014/078418)
[87] (WO2015/091765)
[30] US (61/918,898) 2013-12-20

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[13] C
[51] **Int.Cl. G01N 1/42 (2006.01)**
[25] EN
[54] **CRYOGENIC SAMPLE HOLDER**
[54] **SUPPORT POUR ECHANTILLON CRYOGENIQUE**
[72] MULLEN, STEVEN F., US
[72] LING, DANIEL, US
[72] CARLAND, JUSTIN, US
[73] MULLEN, STEVEN F., US
[73] LING, DANIEL, US
[73] CARLAND, JUSTIN, US
[86] (2931478)
[87] (2931478)
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[25] EN
[54] **PIPE CONNECTORS AND SYSTEMS**
[54] **RACCORDS ET SYSTEMES DE TUYAU**
[72] TAYLOR, JASON G., US
[73] FLASH LINE TECHNOLOGIES, INC., US
[85] 2016-06-03
[86] 2014-12-02 (PCT/US2014/068113)
[87] (WO2015/084819)
[30] US (61/911,704) 2013-12-04
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[51] **Int.Cl. F16K 21/18 (2006.01) F16K 31/18 (2006.01)**
[25] EN
[54] **NON-PRESSURE VALVE**
[54] **VANNE SANS PRESSION**
[72] BALLARD, MARK PAUL, US
[72] BALLARD, CARL PAUL, US
[72] KENDRICK, JOHN TRENT, US
[73] FLOMAX INTERNATIONAL, INC., US
[85] 2016-06-06
[86] 2014-12-15 (PCT/US2014/070408)
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[30] US (61/915,920) 2013-12-13

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[13] C
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **A BEVERAGE PREPARATION MACHINE AND A CAPSULE SUITABLE TO BE USED IN BEVERAGE PREPARATION MACHINES**
[54] **MACHINE DE PREPARATION DE BOISSONS ET CAPSULE CONCUE POUR ETRE UTILISEE DANS DES MACHINES DE PREPARATION DE BOISSONS**
[72] AYAROGLU, EMRE, TR
[72] GUNDUZ, NIHAT, TR
[72] COBAN, OMER BURAK, TR
[73] ARCELIK ANONIM SIRKETI, TR
[85] 2016-06-09
[86] 2015-11-18 (PCT/TR2015/050185)
[87] (WO2016/089326)
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[51] **Int.Cl. G06F 7/00 (2006.01)**
[25] EN
[54] **DATA ACCELERATION**
[54] **ACCELERATION DES DONNEES**
[72] DELL'ANNO, VINCENT, US
[72] PARTHASARATHY, SONALI, US
[72] DUKATZ, CARL M., US
[72] PURI, COLIN ANIL, US
[72] SHETTERLEY, NATHAN, US
[72] KURTH, SCOTT, US
[72] WENDT, MICHAEL, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2933423)
[87] (2933423)
[22] 2016-06-17
[30] US (62/181,150) 2015-06-17

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[13] C
[51] **Int.Cl. F25D 21/06 (2006.01) F25B 47/00 (2006.01) F25C 1/00 (2006.01)**
[25] EN
[54] **ICE-MAKING FREEZER CLEANING**
[54] **NETTOYAGE D'UN CONGELATEUR GENERATEUR DE GLACE**
[72] LITCHY, WILLIAM A., US
[72] ROTH, KEITH H., US
[72] ANDRESEN, MICHAEL J., US
[73] SCOTSMAN GROUP LLC, US
[85] 2016-06-10
[86] 2015-10-09 (PCT/US2015/000129)
[87] (WO2016/057064)
[30] US (62/061,901) 2014-10-09
[30] US (14/878,398) 2015-10-08

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[51] **Int.Cl. G01N 21/59 (2006.01) A61M 1/14 (2006.01) G01N 15/06 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **SELF CALIBRATING BLOOD CHAMBER**
[54] **CHAMBRE DE SANG A AUTO-ETALONNAGE**
[72] BARRETT, LOUIS L., US
[72] LAW, PERRY N., US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2016-06-23
[86] 2015-02-20 (PCT/US2015/016785)
[87] (WO2015/127182)
[30] US (14/188,193) 2014-02-24

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[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/00 (2006.01) A61B 17/072 (2006.01)**
[25] EN
[54] **POWERED SURGICAL STAPLING DEVICE**
[54] **AGRAFEUSE CHIRURGICALE MOTORISEE**
[72] ZEMLOK, MICHAEL A., US
[72] ROSS, ADAM J., US
[73] COVIDIEN LP, US
[86] (2935353)
[87] (2935353)
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[30] US (60/997,854) 2007-10-05
[30] US (12/189,834) 2008-08-12

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[13] C
[51] **Int.Cl. A61K 47/68 (2017.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **DUOCARMYCIN ADCS FOR USE IN TREATMENT OF ENDOMETRIAL CANCER**
[54] **CONJUGUES ANTICORPS-MEDICAMENTS A BASE DE DUOCARMYCINE UTILISABLES DANS LE CADRE DU TRAITEMENT DU CANCER DE L'ENDOMETRE**
[72] SANTIN, ALESSANDRO DAVIDE, US
[72] GOEDINGS, PETER JOHANNES, NL
[73] SYNTHON BIOPHARMACEUTICALS B.V., NL
[73] YALE UNIVERSITY, US
[85] 2016-06-29
[86] 2015-01-09 (PCT/EP2015/050332)
[87] (WO2015/104373)
[30] EP (14150791.3) 2014-01-10

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[51] **Int.Cl. C07K 16/00 (2006.01) A61K 47/68 (2017.01) C07K 1/20 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **METHOD FOR PURIFYING CYS-LINKED ANTIBODY-DRUG CONJUGATES**
[54] **PROCEDE DE PURIFICATION DE CONJUGUES ANTICORPS-MEDICAMENT LIES A CYS**
[72] ROO DE, GUY, NL
[72] VERSTEGEN, RUUD MARTIN, NL
[72] COUMANS, RUDY GERARDUS ELISABETH, NL
[73] SYNTHON BIOPHARMACEUTICALS B.V., NL
[85] 2016-06-29
[86] 2015-01-09 (PCT/EP2015/050304)
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[30] EP (14150789.7) 2014-01-10

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[25] EN
[54] **6-FUSED HETEROARYLDIHYDROPYRIMIDINES FOR THE TREATMENT AND PROPHYLAXIS OF HEPATITIS B VIRUS INFECTION**
[54] **NOUVELLES HETEROARYLDIHYDROPYRIMIDINES CONDENSEES EN POSITION 6 POUR LE TRAITEMENT ET LA PROPHYLAXIE D'UNE INFECTION A VIRUS DE L'HEPATITE B**
[72] GUO, LEI, CN
[72] HU, TAISHAN, CN
[72] KOU, BUYU, CN
[72] LIN, XIANFENG, CN
[72] SHEN, HONG, CN
[72] SHI, HOUGUANG, CN
[72] YAN, SHIXIANG, CN
[72] ZHANG, WEIXING, CN
[72] ZHANG, ZHISEN, CN
[72] ZHOU, MINGWEI, CN
[72] ZHU, WEI, CN
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-07-04
[86] 2015-03-04 (PCT/EP2015/054454)
[87] (WO2015/132276)
[30] CN (PCT/CN2014/073068) 2014-03-07
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[51] **Int.Cl. C12M 3/00 (2006.01)**
[25] EN
[54] **DEVICE FOR IDENTIFYING AND SEPARATING CIRCULATING TUMOR CELLS (CTCS) IN BLOOD**
[54] **DISPOSITIF SERVANT A IDENTIFIER ET SEPARER DES CELLULES DE TUMEUR (CTCS) CIRCULANT DANS LE SANG**
[72] LIU, TAO, CN
[73] THE HUNAN CYCLE FILTER MEDICAL TECHNOLOGY CO., LTD., CN
[85] 2016-07-13
[86] 2015-01-14 (PCT/CN2015/070652)
[87] (WO2016/112501)
[30] CN (201410016566.3) 2014-01-14

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[13] C
[51] **Int.Cl. F04B 49/04 (2006.01) F04B 49/00 (2006.01)**
[25] EN
[54] **HYDRAULIC PUMPING SYSTEM WITH PISTON DISPLACEMENT SENSING AND CONTROL**
[54] **SYSTEME DE POMPAGE HYDRAULIQUE A CAPTEUR DE DEPLACEMENT DE PISTON ET COMMANDE**
[72] SCHMITT, KENNETH J., US
[72] ROBISON, CLARK E., US
[72] MCDONALD, ROBERT G., US
[72] TRAPANI, JAMES S., US
[72] THOMAS, BENSON, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[73] AMFIELDS, LP, US
[86] (2936220)
[87] (2936220)
[22] 2016-07-15
[30] WO (PCT/US2015/043694) 2015-08-05
[30] US (14/956,545) 2015-12-02

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[13] C
[51] **Int.Cl. E21B 47/009 (2012.01) E21B 47/008 (2012.01) F04B 47/02 (2006.01)**
[25] EN
[54] **DIAGNOSTICS OF DOWNHOLE DYNAMOMETER DATA FOR CONTROL AND TROUBLESHOOTING OF RECIPROCATING ROD LIFT SYSTEMS**
[54] **DIAGNOSTICS DE DONNEES DE DYNAMOMETRE EN FOND DE TROU DESTINES AU CONTROLE ET AU DEPANNAGE DE SYSTEMES DE LEVAGE DE TIGE A MOUVEMENT ALTERNATIF**
[72] PONS, VICTORIA M., US
[72] ALLISON, ANTHONY P., US
[72] GOMES, JEREMY M., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2936398)
[87] (2936398)
[22] 2016-07-15
[30] US (62/193,060) 2015-07-15
[30] US (15/210,319) 2016-07-14

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[51] **Int.Cl. G03G 9/08 (2006.01) C08J 3/16 (2006.01) C08J 3/20 (2006.01) G03G 9/093 (2006.01)**
[25] EN
[54] **TONER COMPOSITIONS AND PROCESSES**
[54] **COMPOSITIONS D'ENCRE SECHE ET PROCEDES**
[72] ZHOU, KE, CA
[72] HAWKINS, MICHAEL S., CA
[72] ZWARTZ, EDWARD G., CA
[72] SACRIPANTE, GUERINO G., CA
[73] XEROX CORPORATION, US
[86] (2936442)
[87] (2936442)
[22] 2016-07-18
[30] US (14/821624) 2015-08-07

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[51] **Int.Cl. A23L 5/10 (2016.01) A21B 5/00 (2006.01) A21D 8/06 (2006.01) A47J 37/06 (2006.01)**
[25] EN
[54] **A METHOD OF BAKING BOTH SIDES OF INGREDIENTS AND AN ELECTRIC COOKER USED THEREFOR**
[54] **UNE METHODE DE CUISSON DES DEUX COTES DES INGREDIENTS ET UN CUISEUR ELECTRIQUE UTILISE POUR CE FAIRE**
[72] OGAWA, TOMOYUKI, JP
[72] WADA, YASUO, JP
[73] SUNTEC CO., LTD., JP
[85] 2016-07-19
[86] 2016-06-02 (PCT/JP2016/066505)
[87] (WO2017/138159)
[30] JP (2016-022016) 2016-02-08

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[13] C
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 31/4418 (2006.01)**
[25] EN
[54] **GRANULATE FORMULATION OF 5-METHYL-1-PHENYL-2-(1H)-PYRIDONE AND METHOD OF MAKING THE SAME**
[54] **FORMULATION EN GRANULES DE 5-METHYL-1-PHENYL-2-(1H)-PYRIDONE ET METHODE DE FABRICATION ASSOCIEE**
[72] MUJUMDAR, SIDDHARTHYA KRISHNACHANDAN, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
[86] (2937365)
[87] (2937365)
[22] 2016-07-28
[30] US (62/314,933) 2016-03-29

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[51] **Int.Cl. G01L 19/06 (2006.01) G01L 9/02 (2006.01) G01L 19/00 (2006.01)**
[25] EN
[54] **DIFFERENTIAL PRESSURE MEASURING PICKUP**
[54] **CAPTEUR DE PRESSION DIFFERENTIELLE**
[72] HUGEL, MICHAEL, DE
[72] UEHLIN, THOMAS, DE
[72] HAHN, CHRISTIAN, DE
[73] ENDRESS+HAUSER GMBH+CO. KG, DE
[85] 2016-08-09
[86] 2015-01-16 (PCT/EP2015/050787)
[87] (WO2015/128111)
[30] DE (10 2014 102 719.1) 2014-02-28

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[13] C
[51] **Int.Cl. A01C 7/18 (2006.01) A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **PLANTER WITH SEED DELIVERY APPARATUS**
[54] **JARDINIERE AYANT UN APPAREIL DE DISTRIBUTION DE GRAINES**
[72] WILHELMI, MATTHEW J., US
[72] BACHMAN, MARVIN, US
[72] HAHN, DUSTAN, US
[72] MYERS, MICHAEL J., US
[72] STEVENSON, VAUGHAN, US
[72] BLACKWELL, ROBERT, US
[72] ACHEN, COURTNEY N., US
[73] KINZE MANUFACTURING, INC., US
[85] 2016-08-11
[86] 2015-02-11 (PCT/US2015/015424)
[87] (WO2015/123303)
[30] US (61/938,370) 2014-02-11

[11] 2,939,673
[13] C
[51] **Int.Cl. A47J 31/46 (2006.01)**
[25] EN
[54] **MACHINE FOR PREPARING LIQUID PRODUCTS, IN PARTICULAR VIA CAPSULES**
[54] **MACHINE POUR LA PREPARATION DE PRODUITS LIQUIDES, EN PARTICULIER AU MOYEN DE CAPSULES**
[72] BOLOGNESE, DANILO, IT
[72] CABILLI, ALBERTO, IT
[72] ROTTA, DENIS, IT
[72] BUGNANO, LUCA, IT
[73] LUIGI LAVAZZA S.P.A., IT
[85] 2016-08-12
[86] 2015-03-16 (PCT/IB2015/051897)
[87] (WO2015/140686)
[30] IT (TO2014A000226) 2014-03-19

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[13] C
[51] **Int.Cl. B29C 70/40 (2006.01)**
[25] EN
[54] **HYBRID COMPONENT PART COMPRISING A LOCAL STIFFENING COMPOSED OF A TWO-STAGE-CROSSLINKED POLYURETHANE-BASED FIBRE COMPOSITE MATERIAL**
[54] **PIECE DE COMPOSANTE HYBRIDE COMPORTANT UN RENFORT LOCAL COMPOSE DE MATERIAU COMPOSITE A FIBRE DE POLYURETHANE RETICULEE EN DEUX ETAPES**
[72] CRON, CHRISTINA, DE
[72] SCHMIDT, MARINA-ELENA, DE
[72] GUTMANN, TOBIAS, DE
[72] STAPPERFENNE, UWE, DE
[72] REEMERS, SANDRA, DE
[72] ICKERT, LEIF, DE
[73] EVONIK DEGUSSA GMBH, DE
[86] (2939973)
[87] (2939973)
[22] 2016-08-23
[30] EP (15 183 660.8) 2015-09-03

[11] 2,939,995
[13] C
[51] **Int.Cl. A01K 1/01 (2006.01) A01K 1/015 (2006.01) B65F 1/06 (2006.01)**
[25] EN
[54] **PET LITTER BOX**
[54] **BAC A LITIERE POUR ANIMAL DE COMPAGNIE**
[72] MAKINS, BRANDON, CA
[73] MAKINS, BRANDON, CA
[86] (2939995)
[87] (2939995)
[22] 2016-08-23
[30] US (15/217,615) 2016-07-22

[11] 2,940,182
[13] C
[51] **Int.Cl. B05B 13/04 (2006.01) B05B 13/06 (2006.01) B05C 7/02 (2006.01)**
[25] EN
[54] **APPLICATION APPARATUS**
[54] **DISPOSITIF D'APPLICATION**
[72] OKADA, YOSHIAKI, JP
[72] NYUU, KEISUKE, JP
[72] MIYAZAKI, TOMOYUKI, JP
[72] KAWAI, YOSHITSUGU, JP
[73] TOYO SEIKAN CO., LTD., JP
[85] 2016-08-18
[86] 2015-01-21 (PCT/JP2015/051518)
[87] (WO2015/162951)
[30] JP (2014-087331) 2014-04-21

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[25] EN
[54] **METHOD FOR PRODUCING A HIGH-STRENGTH FLAT STEEL PRODUCT**
[54] **PROCEDE POUR FABRIQUER UN PRODUIT PLAT EN ACIER TRES RESISTANT**
[72] GAGANOV, ALEXANDER, DE
[72] GERVERS, WOLFGANG, DE
[72] KERN, ANDREAS, DE
[72] KOLEK, GABRIEL, DE
[72] SCHAFFNIT, ELENA, DE
[72] TSCHERSICH, HANS-JOACHIM, DE
[73] THYSSENKRUPP STEEL EUROPE AG, DE
[73] THYSSENKRUPP AG, DE
[85] 2016-08-30
[86] 2015-03-18 (PCT/EP2015/055685)
[87] (WO2015/144529)
[30] EP (14161606.0) 2014-03-25

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[51] **Int.Cl. C09K 8/12 (2006.01) C09K 8/035 (2006.01)**
[25] EN
[54] **WATER-SOLUBLE LINEAR POLYPHOSPHAZENES IN WATER-BASED FLUIDS FOR USE IN WELLS OR PIPELINES**
[54] **POLYPHOSPHAZENES LINEAIRES SOLUBLES DANS L'EAU DANS DES FLUIDES A BASE D'EAU DESTINES A ETRE UTILISES DANS DES PUITS OU DES PIPELINES**
[72] POBER, KENNETH WILLIAM, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-09-06
[86] 2014-04-09 (PCT/US2014/033544)
[87] (WO2015/156800)

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[13] C
[51] **Int.Cl. E02D 5/56 (2006.01) E02D 5/46 (2006.01)**
[25] EN
[54] **STEEL PIPE PILE WITH SPIRAL BLADES, COMPOSITE PILE, AND CONSTRUCTION METHOD OF COMPOSITE PILE**
[54] **EMPILEMENT DE TUYAUX EN ACIER A LAMES EN SPIRALE, EMPILEMENT COMPOSITE ET METHODE DE CONSTRUCTION D'UN EMPILEMENT COMPOSITE**
[72] KIJIMA, YOSUKE, JP
[72] ITO, DAISUKE, JP
[72] NAKAHAMA, KENICHI, JP
[73] ASAHI KASEI CONSTRUCTION MATERIALS CORPORATION, JP
[85] 2016-09-06
[86] 2015-03-16 (PCT/JP2015/057751)
[87] (WO2015/141639)
[30] JP (2014-057201) 2014-03-19

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[51] **Int.Cl. E21B 29/00 (2006.01) C09K 8/72 (2006.01) C09K 8/78 (2006.01) F16J 15/10 (2006.01)**
[25] EN
[54] **WELL TREATMENT METHOD BY DISINTEGRATING ELASTIC MATERIAL BY CONTACTING SEAL MEMBER FOR DOWNHOLE TOOLS COMPRISING ELASTIC MATERIAL WITH WELL TREATMENT FLUID**
[54] **PROCEDE DE TRAITEMENT DE PUITS POUR METTRE UN ELEMENT DE JOINT D'ETANCHEITE, DESTINE A ETRE UTILISE COMME OUTIL DE FOND CONTENANT UN MATERIAU ELASTIQUE, EN CONTACT AVEC UN FLUIDE DE TRAITEMENT DE PUITS, ET INDUIRE L'EFFONDREMENT DU MATERIAU ELASTIQUE**
[72] OKURA, MASAYUKI, JP
[72] TAKAHASHI, TAKEO, JP
[72] KOBAYASHI, TAKUMA, JP
[73] KUREHA CORPORATION, JP
[85] 2016-09-06
[86] 2015-03-04 (PCT/JP2015/056417)
[87] (WO2015/133543)
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[25] EN
[54] **SYSTEM AND METHOD FOR HEALTH IMAGING INFORMATICS**
[54] **SYSTEME ET PROCEDE S'APPLIQUANT A L'INFORMATIQUE D'IMAGERIE MEDICALE**
[72] PYO, NORMAN, CA
[72] PIRON, CAMERON, CA
[72] DYER, KELLY, CA
[72] HODGES, WES, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2016-09-12
[86] 2014-09-15 (PCT/CA2014/050873)
[87] (WO2015/135056)
[30] CA (PCT/CA2014/050269) 2014-03-14

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[51] **Int.Cl. G01N 21/78 (2006.01) B01L 3/00 (2006.01) G01N 1/20 (2006.01)**
[25] EN
[54] **SAMPLE COLLECTION UNIT**
[54] **UNITE DE PRELEVEMENT D'ECHANTILLON**
[72] ZERCHER, AMY, US
[72] GOLDSBURG, JENNIFER, US
[73] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2016-09-12
[86] 2015-04-13 (PCT/US2015/025558)
[87] (WO2015/164113)
[30] US (61/984,352) 2014-04-25

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[51] **Int.Cl. C03C 13/00 (2006.01) C03C 3/04 (2006.01)**
[25] EN
[54] **A GLASS FIBER COMPOSITION, GLASS FIBER AND COMPOSITE MATERIAL THEREFROM**
[54] **UNE COMPOSITION DE FIBRE DE VERRE, FIBRE DE VERRE ET MATERIAU COMPOSITE FORME DE LADITE COMPOSITION**
[72] CAO, GUORONG, CN
[72] XING, WENZHONG, CN
[72] ZHANG, LIN, CN
[72] GU, GUIJIANG, CN
[73] JUSHI GROUP CO., LTD., CN
[85] 2016-09-14
[86] 2015-01-20 (PCT/CN2015/071153)
[87] (WO2015/131684)

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[13] C
[51] **Int.Cl. G09F 9/33 (2006.01)**
[25] EN
[54] **LED DISPLAY SCREEN**
[54] **ECRAN D'AFFICHAGE A DEL**
[72] WANG, DINGFANG, CN
[73] LEYARD OPTOELECTRONIC CO., LTD., CN
[86] (2942939)
[87] (2942939)
[22] 2016-09-22
[30] CN (201610286606.5) 2016-05-03

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[51] **Int.Cl. B65D 5/54 (2006.01) B65D 5/42 (2006.01) B65D 71/34 (2006.01)**
[25] EN
[54] **BLANK, CARTON AND PACKAGE WITH DUAL ACCESS FEATURE**
[54] **FLAN, CARTON ET EMBALLAGE A DOUBLE ACCES**
[72] GRACE, MICHAEL J., US
[72] HARRIGAN, KELLY A., US
[72] ZACHERLE, MATTHEW E., US
[72] RAMSUER, BRANDON L., US
[73] WESTROCK PACKAGING SYSTEMS, LLC, US
[85] 2016-09-15
[86] 2015-03-19 (PCT/US2015/021487)
[87] (WO2015/143168)
[30] US (61/955,933) 2014-03-20

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[13] C
[51] **Int.Cl. G06F 11/10 (2006.01) G06F 7/00 (2006.01)**
[25] EN
[54] **REPAIR-OPTIMAL PARITY CODE**
[54] **CODE DE PARITE A REPARATION OPTIMALE**
[72] MATEESCU, ROBERT, US
[72] PAMIES-JUAREZ, LLUIS, US
[72] GUYOT, CYRIL, US
[73] HGST NETHERLANDS B.V., NL
[86] (2942970)
[87] (2942970)
[22] 2016-09-23
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[13] C
[51] **Int.Cl. E21B 17/02 (2006.01) E21B 17/08 (2006.01)**
[25] EN
[54] **CASING JOINT ASSEMBLY**
[54] **ENSEMBLE MANCHON DE TUBAGE**
[72] VEMURI, SRINIVASA PRASANNA, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-09-22
[86] 2014-06-16 (PCT/US2014/042502)
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[51] **Int.Cl. G09F 3/02 (2006.01) F16N 3/12 (2006.01)**
[25] EN
[54] **SPLIT RING INFORMATION TAG**
[54] **ETIQUETTE D'INFORMATION DE BAGUE FENDUE**
[72] HEINZLMEIR, DANNY M., CA
[73] HEINZLMEIR, DANNY M., CA
[86] (2945216)
[87] (2945216)
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[51] **Int.Cl. A61K 31/785 (2006.01) A61K 8/02 (2006.01) A61K 8/84 (2006.01) A61K 9/68 (2006.01) A61K 9/70 (2006.01) A61P 1/02 (2006.01) A61P 31/00 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **A CHEWING GUM ORAL DELIVERY SYSTEM FOR POLYHEXANIDE**
[54] **UN DISPOSITIF DE DISTRIBUTION ORALE DE GOMME A MACHER DE POLYHEXANIDE**
[72] ARNOLD, CHRISTIAN, DE
[72] ARMANI, ARMIN, DE
[73] ARNOLD, CHRISTIAN, DE
[73] ARMANI, ARMIN, DE
[85] 2016-10-11
[86] 2015-04-17 (PCT/EP2015/058439)
[87] (WO2015/162070)
[30] DE (20 2014 101 882.4) 2014-04-22

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[13] C
[51] **Int.Cl. F41B 5/10 (2006.01) F41B 5/18 (2006.01)**
[25] EN
[54] **ADJUSTABLE PULLEY ASSEMBLY FOR A COMPOUND ARCHERY BOW**
[54] **DISPOSITIF DE POULIE AJUSTABLE DESTINE A UN ARC COMPOSE**
[72] EACKER, CHRISTOPHER J., US
[72] OBTESHKA, NICHOLAS C., US
[72] RINKER, DYLAN G., US
[73] BOWTECH, INC., US
[86] (2945729)
[87] (2945729)
[22] 2016-10-18
[30] US (15/091,572) 2016-04-06

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[13] C
[51] **Int.Cl. H04B 10/079 (2013.01) H04B 10/2575 (2013.01)**
[25] EN
[54] **SMART RECEIVERS AND TRANSMITTERS FOR CATV NETWORKS**
[54] **RECEPTEURS ET EMETTEURS INTELLIGENTS POUR RESEAUX DE CATV**
[72] MUTALIK, VENKATESH G., US
[72] CHIAPPETTA, JOSEPH F., US
[72] SCHEMMANN, MARCEL F., NL
[72] CHASMAWALA, SHAMSUDDIN H., US
[73] ARRIS ENTERPRISES LLC, US
[85] 2016-10-14
[86] 2015-04-10 (PCT/US2015/025359)
[87] (WO2015/160660)
[30] US (61/980,030) 2014-04-15
[30] US (14/683,230) 2015-04-10

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[13] C
[51] **Int.Cl. D07B 1/06 (2006.01)**
[25] EN
[54] **BRASS-PLATED STEEL WIRE FOR REINFORCING RUBBER ARTICLE**
[54] **CABLE D'ACIER POUR RENFORCEMENT DE COMPOSANT EN CAOUTCHOUC AVEC PLACAGE EN LAITON**
[72] MUSHA, SHINICHI, JP
[72] YAMAGISHI, JUNICHI, JP
[73] BRIDGESTONE CORPORATION, JP
[85] 2016-10-18
[86] 2015-04-06 (PCT/JP2015/001932)
[87] (WO2015/166632)
[30] JP (2014-094222) 2014-04-30

[11] **2,946,363**
[13] C
[51] **Int.Cl. A23K 10/22 (2016.01) A23K 20/142 (2016.01) A23K 30/00 (2016.01) A23K 40/10 (2016.01) A23L 17/10 (2016.01) A23J 1/04 (2006.01) A23J 3/04 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVING DRYING OF A CONCENTRATED ACID SALMON SILAGE, DURING PREPARATION OF A PROTEIN SUPPLEMENT FOR ANIMAL FEED, PROTEIN SUPPLEMENT OBTAINED AND SYSTEM TO IMPROVE DRYING**
[54] **PROCEDE POUR AMELIORER LE SECHAGE D'UN ENSILAGE DE SAUMON ACIDE CONCENTRE PENDANT LA PREPARATION D'UN COMPLEMENT PROTEIQUE POUR L'ALIMENTATION ANIMALE, COMPLEMENT PROTEIQUE OBTENUET SYSTEME POUR AMELIORER LE SECHAGE**
[72] BENAVENTE VEGA, LUIS ALBERTO, CL
[73] PESQUERA PACIFIC STAR S.A., CL
[85] 2016-10-19
[86] 2014-12-17 (PCT/IB2014/067026)
[87] (WO2015/162467)
[30] CL (1051-2014) 2014-04-24

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[51] **Int.Cl. E21B 47/047 (2012.01) G01F 23/26 (2006.01)**
[25] EN
[54] **WELL WATER DEPTH MONITOR**
[54] **SURVEILLANCE DE PROFONDEUR D'EAU DE PUITS**
[72] BOURGEOIS, ANDRE EMILE, US
[72] DICOCCO, ENRICO ANTHONY, US
[72] BULLARD, RODHNEY SCOTT, US
[72] WHIPPLE, STEPHEN VINCENT, US
[73] WELLGAUGE, INC., US
[85] 2016-10-31
[86] 2015-05-06 (PCT/US2015/029544)
[87] (WO2015/171820)
[30] US (61/990,183) 2014-05-08

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[13] C
[51] **Int.Cl. B30B 3/00 (2006.01) D21F 3/08 (2006.01) G01L 5/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM ASSOCIATED WITH A SENSING ROLL AND A MATING ROLL FOR COLLECTING ROLL DATA**
[54] **PROCEDE ET SYSTEME ASSOCIES A UN ROULEAU DE DETECTION ET UN ROULEAU DE COUPLAGE POUR COLLECTER DES DONNEES DE ROULEAU**
[72] FIGIEL, KERRY D., US
[73] INTERNATIONAL PAPER COMPANY, US
[85] 2016-10-31
[86] 2015-05-01 (PCT/US2015/028804)
[87] (WO2015/168560)
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[51] **Int.Cl. B63B 21/50 (2006.01) B63B 35/44 (2006.01)**
[25] EN
[54] **BUOYANT TURRET MOORING WITH POROUS TURRET CAGE**
[54] **AMARRAGE DE TOURELLE DE BOUEE A CAGE DE TOURELLE POREUSE**
[72] CARRICO, TODD VINCENT, US
[72] LEVERETTE, STEVEN JOHN, US
[73] SINGLE BUOY MOORINGS, INC., CH
[85] 2016-11-01
[86] 2015-05-01 (PCT/US2015/028911)
[87] (WO2015/168632)
[30] US (14/268,866) 2014-05-02

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[51] **Int.Cl. G01N 13/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SPATIALLY RESOLVED WETTABILITY DETERMINATION**
[54] **PROCEDE ET SYSTEME DE DETERMINATION DE MOUILLABILITE A RESOLUTION SPATIALE**
[72] WASHBURN, KATHRYN ELIZABETH, US
[73] INGRAIN, INC., US
[85] 2016-11-07
[86] 2015-05-06 (PCT/US2015/029331)
[87] (WO2015/171668)
[30] US (61/989,618) 2014-05-07

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[13] C
[51] **Int.Cl. B65B 13/34 (2006.01) B65B 13/18 (2006.01) B65B 57/08 (2006.01)**
[25] EN
[54] **REDUCED POWER CONSUMPTION SEALING TOOL FOR STRAP**
[54] **OUTIL DE SERTISSAGE A CONSOMMATION D'ENERGIE REDUITE POUR SANGLE DE CERCLAGE**
[72] NASIATKA, JASON R., US
[72] FIGIEL, JANUSZ, US
[73] SIGNODE INDUSTRIAL GROUP LLC, US
[85] 2016-11-10
[86] 2015-04-20 (PCT/US2015/026655)
[87] (WO2015/175160)
[30] US (61/991,808) 2014-05-12
[30] US (14/689,471) 2015-04-17

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[13] C
[51] **Int.Cl. B05B 11/00 (2006.01) B65D 47/34 (2006.01)**
[25] EN
[54] **TRIGGER-TYPE LIQUID DISPENSER**
[54] **PULVERISATEUR DE LIQUIDE DU TYPE A GACHETTE**
[72] FUJIWARA, KOTARO, JP
[72] IIZUKA, SHIGEO, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2016-11-16
[86] 2015-04-27 (PCT/JP2015/002267)
[87] (WO2015/182041)
[30] JP (2014-113469) 2014-05-30

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[13] C
[51] **Int.Cl. B30B 3/00 (2006.01)**
[25] EN
[54] **TRANSMISSION HOLDER FOR A ROLLER PRESS AND METHOD FOR DISMANTLING THE TRANSMISSION OF A ROLLER PRESS**
[54] **SUPPORT DE TRANSMISSION DE PRESSE A ROULEAUX ET METHODE DE DEMANTELEMENT DE LA TRANSMISSION D'UNE PRESSE A ROULEAUX**
[72] FRANGENBERG, MEINHARD, DE
[73] TAKRAF GMBH, DE
[86] (2949110)
[87] (2949110)
[22] 2016-11-21
[30] DE (10 2015 223 694.3) 2015-11-30

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[13] C
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/172 (2006.01)**
[25] EN
[54] **A METHOD FOR PRODUCING A STERILIZED SUBCUTANEOUS ACCESS DEVICE AND A STERILIZED SUBCUTANEOUS ACCESS DEVICE**
[54] **PROCEDE DE PRODUCTION DE DISPOSITIF D'ACCES SOUS-CUTANE STERILISE, ET DISPOSITIF D'ACCES SOUS-CUTANE STERILISE**
[72] HARTTIG, HERBERT, DE
[72] WEHOWSKI, FREDERIC, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-11-18
[86] 2015-05-12 (PCT/EP2015/060513)
[87] (WO2015/177005)
[30] EP (14169086.7) 2014-05-20

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[51] **Int.Cl. C07D 495/10 (2006.01) C08G 63/64 (2006.01) C08G 64/30 (2006.01) C08G 65/48 (2006.01) C08J 3/24 (2006.01)**
[25] EN
[54] **CYCLIC CARBONATE MONOMER CONTAINING DOUBLE-SULFUR FIVE-MEMBERED RING FUNCTIONAL GROUP, AND PREPARATION METHOD THEREOF**
[54] **MONOMERE CARBONATE CYCLIQUE CONTENANT UN GROUPE FONCTIONNEL CYCLIQUE A CINQ CHAINONS SOUFRE ET SON PROCEDE DE PREPARATION**
[72] MENG, FENGHUA, CN
[72] ZOU, YAN, CN
[72] ZHONG, ZHIYUAN, CN
[72] YUAN, JIANDONG, CN
[73] BRIGHTGENE BIO-MEDICAL TECHNOLOGY CO., LTD., CN
[85] 2016-11-25
[86] 2015-05-27 (PCT/CN2015/079998)
[87] (WO2015/180655)
[30] CN (201410231697.3) 2014-05-28

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[51] **Int.Cl. A23K 50/10 (2016.01) A23K 10/10 (2016.01) A23K 10/30 (2016.01) A23K 20/10 (2016.01) A23K 20/20 (2016.01) A23K 40/00 (2016.01)**
[25] EN
[54] **THE USE OF A FEED SUPPLEMENT FOR RUMINANTS**
[54] **UTILISATION D'UN COMPLEMENT ALIMENTAIRE POUR LES RUMINANTS**
[72] COLES, GRAEME DOUGLAS, NZ
[73] RICH TECHNOLOGY SOLUTIONS LIMITED, NZ
[85] 2016-12-05
[86] 2014-06-03 (PCT/IB2014/061899)
[87] (WO2014/195855)
[30] NZ (611640) 2013-06-06

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[13] C
[51] **Int.Cl. B65D 81/02 (2006.01) E04G 21/00 (2006.01) E06B 1/04 (2006.01)**
[25] EN
[54] **SHIPPING SYSTEM WITH PRE-HUNG DOOR**
[54] **DISPOSITIF D'EXPEDITION DOTE D'UNE PORTE MONTEE**
[72] PROCTON, BRUCE E., US
[72] JASKIEWICZ, TOMASZ, US
[72] MITCHELL, MICHAEL K., US
[73] ENDURA PRODUCTS, INC., US
[86] (2952363)
[87] (2952363)
[22] 2016-12-20
[30] US (62/279,025) 2016-01-15

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[13] C
[51] **Int.Cl. A01M 1/08 (2006.01) A01M 1/04 (2006.01) A01M 1/06 (2006.01)**
[25] EN
[54] **A LIGHT HAVING A FLY KILLING FUNCTION**
[54] **UNE LAMPE AYANT UNE FONCTION DE TUE-MOUCHE**
[72] ZHANG, JIAN, CN
[72] CAMERON, ROBERT BRUCE, US
[73] ZHANG, JIAN, CN
[73] CAMERON, ROBERT BRUCE, US
[86] (2952469)
[87] (2952469)
[22] 2016-12-22
[30] CN (201610952015.7) 2016-11-03

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[13] C
[51] **Int.Cl. F41A 5/20 (2006.01) F41A 5/28 (2006.01) F41A 21/34 (2006.01)**
[25] EN
[54] **GAS OPERATING SYSTEM FOR SMALL ARMS WITH SPRING LOADED GAS VALVE**
[54] **SYSTEME D'ACTION A GAZ POUR ARMES DE PETIT CALIBRE AVEC SOUPAPE DE GAZ A RESSORT**
[72] GOMIRATO, ANDREA, US
[72] FRANZINI, FRANCESCO, US
[73] BERETTA USA CORP., US
[85] 2016-12-29
[86] 2015-07-02 (PCT/US2015/038968)
[87] (WO2016/004294)
[30] US (62/019,974) 2014-07-02

[11] **2,954,648**
[13] C
[51] **Int.Cl. G01N 27/18 (2006.01) B64D 25/18 (2006.01) B64D 45/00 (2006.01) G01N 27/22 (2006.01)**
[25] FR
[54] **IMMERSION DETECTOR AND AIRCRAFT**
[54] **DETECTEUR D'IMMERSION ET AERONEF**
[72] RAGUENES, GWENAEL, FR
[72] GUTTIN-LOMBARD, PERRY, FR
[72] BAILLEUL, GEORGES, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2954648)
[87] (2954648)
[22] 2017-01-11
[30] FR (1600191) 2016-02-04

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[13] C
[51] **Int.Cl. B64D 33/04 (2006.01) F01D 25/30 (2006.01) F02K 1/78 (2006.01) F16L 3/00 (2006.01)**
[25] EN
[54] **EXHAUST ARRANGEMENT FOR AIRCRAFT HAVING SENSOR**
[54] **ENSEMBLE D'ECHAPPEMENT POUR AERONEF COMPRENANT CAPTEUR**
[72] MCGEE, CRAIG S., US
[72] FRITCHER, SAM R., US
[73] MCGEE, CRAIG S., US
[73] FRITCHER, SAM R., US
[85] 2017-02-13
[86] 2015-08-14 (PCT/US2015/045359)
[87] (WO2016/025885)
[30] US (62/037,381) 2014-08-14

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[13] C
[51] **Int.Cl. G01N 27/02 (2006.01) G01N 33/12 (2006.01)**
[25] EN
[54] **SEAFOOD PHYSICAL CHARACTERISTIC ESTIMATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'ESTIMATION DES CARACTERISTIQUES PHYSIQUES DES ALIMENTS D'ORIGINE MARINE**
[72] BURKE, TIMOTHY A., CA
[72] GREGSON, PETER H., CA
[72] SEKRETTA, GLEB J., CA
[72] HANKINSON, STEPHEN J. F., CA
[73] BURKE, TIMOTHY A., CA
[73] GREGSON, PETER H., CA
[73] SEKRETTA, GLEB J., CA
[73] HANKINSON, STEPHEN J. F., CA
[86] (2958171)
[87] (2958171)
[22] 2008-11-19
[62] 2,644,200
[30] US (60/988,905) 2007-11-19

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[13] C
[51] **Int.Cl. G01N 27/02 (2006.01)**
[25] EN
[54] **SEAFOOD PHYSICAL CHARACTERISTIC ESTIMATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'ESTIMATION DES CARACTERISTIQUES PHYSIQUES DES ALIMENTS D'ORIGINE MARINE**
[72] BURKE, TIMOTHY A., CA
[72] GREGSON, PETER H., CA
[72] SEKRETTA, GLEB J., CA
[72] HANKINSON, STEPHEN J.F., CA
[73] BURKE, TIMOTHY A., CA
[73] GREGSON, PETER H., CA
[73] SEKRETTA, GLEB J., CA
[73] HANKINSON, STEPHEN J.F., CA
[86] (2958175)
[87] (2958175)
[22] 2008-11-19
[62] 2,644,200
[30] US (60/988,905) 2007-11-19

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[13] C
[51] **Int.Cl. C11D 1/44 (2006.01) C11D 3/386 (2006.01)**
[25] EN
[54] **CLEANING COMPOSITIONS CONTAINING A POLYETHERAMINE**
[54] **COMPOSITIONS DE NETTOYAGE CONTENANT UNE POLYETHERAMINE**
[72] LOUGHNANE, BRIAN JOSEPH, US
[72] HULSKOTTER, FRANK, DE
[72] SCIALLA, STEFANO, IT
[72] EBERT, SOPHIA ROSA, DE
[72] LUDOLPH, BJOERN, DE
[72] EIDAMSHAUS, CHRISTIAN, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-02-17
[86] 2015-09-10 (PCT/US2015/049407)
[87] (WO2016/048674)
[30] US (62/055,214) 2014-09-25

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[13] C
[51] **Int.Cl. B64D 33/02 (2006.01)**
[25] EN
[54] **AIR INTAKE WITH SCROLL PORTION AND STRUTTED PORTION FOR GAS TURBINE ENGINE**
[54] **PRISE D'AIR DOTEE D'UNE PORTION A VOLUTES ET D'UNE PORTION A BARRES DESTINEE A UNE TURBINE A GAZ**
[72] GEKHT, EUGENE, CA
[72] BISSON, FRANCOIS, CA
[72] CUNNINGHAM, MARK, CA
[72] DESJARDINS, MICHEL, CA
[72] YAN, GUO RONG, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2958910)
[87] (2958910)
[22] 2017-02-23
[30] US (15/052,189) 2016-02-24

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[13] C
[51] **Int.Cl. E04B 1/76 (2006.01) E04B 1/78 (2006.01) E04F 13/075 (2006.01)**
[25] EN
[54] **BUILDING EXTERIOR INSULATION STRUCTURE**
[54] **STRUCTURE D'ISOLATION EXTERIEURE DE BATIMENT**
[72] OCHI, YOSHIO, JP
[73] NICHIHA CORPORATION, JP
[86] (2958987)
[87] (2958987)
[22] 2017-02-24
[30] JP (JP2016-127341) 2016-06-28

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[11] 2,960,685
[13] C
[51] **Int.Cl. C09K 8/02 (2006.01) C09K 8/54 (2006.01)**
[25] EN
[54] **METHOD FOR INHIBITING SULFIDE STRESS CRACKING OF METALS**
[54] **PROCEDE D'INHIBITION DE LA FISSURATION DE METAUX SOUS CONTRAINTE DUE AUX SULFURES D'HYDROGENE**
[72] CHEN, GONG, US
[72] CASSIDY, JUANITA, US
[72] LANE, JIM L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-08
[86] 2014-10-16 (PCT/US2014/060930)
[87] (WO2016/060671)

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[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A23D 9/00 (2006.01) C08B 30/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 7/10 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X95H667**
[54] **MAIS HYBRIDE X95H667**
[72] CHANDLER, MICHAEL ADAM, US
[72] SMALLEY, MATTHEW DAVID, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2961049)
[87] (2961049)
[22] 2017-03-17
[30] US (15/086,347) 2016-03-31

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[13] C
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/128 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOLS COMPRISING AQUEOUS-DEGRADABLE SEALING ELEMENTS OF THERMOPLASTIC RUBBER**
[54] **OUTILS DE FOND DE TROU COMPRENANT DES ELEMENTS D'ETANCHEITE DEGRADABLES EN MILIEU AQUEUX EN CAOUTCHOUC THERMOPLASTIQUE**
[72] FRIPP, MICHAEL LINLEY, US
[72] WALTON, ZACHARY WILLIAM, US
[72] SMITH, CHARLES TIMOTHY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-10
[86] 2015-12-22 (PCT/US2015/067286)
[87] (WO2016/204814)
[30] US (PCT/US2015/035823) 2015-06-15
[30] US (PCT/US2015/035812) 2015-06-15

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[13] C
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A23D 9/00 (2006.01) C08B 30/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 7/10 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X05H214**
[54] **MAIS HYBRIDE X05H214**
[72] LEE, TRAVIS J., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2961230)
[87] (2961230)
[22] 2017-03-20
[30] US (15/086,296) 2016-03-31

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[13] C
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A23D 9/00 (2006.01) C08B 30/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 7/10 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X05H226**
[54] **MAIS HYBRIDE X05H226**
[72] BRENNER, EVERTON ALEN, US
[72] FISCHER, DAVID B., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2961241)
[87] (2961241)
[22] 2017-03-20
[30] US (15/086,289) 2016-03-31

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[13] C
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A23D 9/00 (2006.01) C08B 30/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 7/10 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X95H675**
[54] **MAIS HYBRIDE X95H675**
[72] CABRAL, CANDIDA BRAGA, US
[72] CHRISTENSEN, DEAN WILLIAM, US
[72] SZALMA, STEPHEN JOSEPH, US
[72] WEBER, GERHARD P., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2961256)
[87] (2961256)
[22] 2017-03-20
[30] US (15/086,147) 2016-03-31

[11] **2,961,267**
[13] C
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A23D 9/00 (2006.01) C08B 30/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 7/10 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X08H739**
[54] **MAIS HYBRIDE X08H739**
[72] FOX, RUSSELL, US
[72] HEFFNER, ELLIOT LEE, US
[72] HENKE, GARY EDWARD, US
[72] LIRA, SARA JANE, US
[72] VERDE CHIFFLET, LUIS A., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2961267)
[87] (2961267)
[22] 2017-03-20
[30] US (15/086,114) 2016-03-31

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[13] C
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A23D 9/00 (2006.01) C08B 30/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 7/06 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X00H315**
[54] **MAIS HYBRIDE X00H315**
[72] COOPER, MARK, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2961300)
[87] (2961300)
[22] 2017-03-20
[30] US (15/086,160) 2016-03-31

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[11] **2,961,363**
[13] C
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X95H673**
[54] **MAIS HYBRIDE X95H673**
[72] GARCIA, GUSTAVO MARCELO, CA
[72] ARBELBIDE, MARTIN, US
[72] CABRAL, CANDIDA BRAGA, US
[72] SZALMA, STEPHEN JOSEPH, US
[72] WEBER, GERHARD P., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2961363)
[87] (2961363)
[22] 2017-03-21
[30] US (15/086,309) 2016-03-31

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[11] **2,961,552**
[13] C
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **MAIZE INBRED PH25VF**
[54] **MAIS ENDOGAME PH25VF**
[72] SZALMA, STEPHEN JOSEPH, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2961552)
[87] (2961552)
[22] 2017-03-22
[30] US (15/086,472) 2016-03-31

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[11] **2,962,448**
[13] C
[51] **Int.Cl. B65B 11/10 (2006.01) B65B 11/30 (2006.01) B65D 65/32 (2006.01)**
[25] EN
[54] **COIN WRAPPER SHEET**
[54] **FEUILLE DE MISE EN ROULEAU POUR PIECES DE MONNAIE**
[72] STRING, GREGORY F., US
[73] GCCM, LLC, US
[85] 2017-03-23
[86] 2015-10-20 (PCT/US2015/056302)
[87] (WO2016/064777)
[30] US (14/519,193) 2014-10-21

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[11] **2,963,284**
[13] C
[51] **Int.Cl. G01R 33/58 (2006.01) A61B 5/055 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR IMAGE CAPTURE AND REGISTRATION IN IMAGE-GUIDED SURGERY**
[54] **PROCEDE, SYSTEME ET APPAREIL DE CAPTURE ET D'ENREGISTREMENT D'IMAGE EN CHIRURGIE ASSISTEE PAR IMAGERIE MEDICALE**
[72] STAINSBY, JEFF, CA
[72] SELA, GAL, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-03-31
[86] 2014-11-14 (PCT/CA2014/000819)
[87] (WO2016/074059)

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[11] **2,965,452**
[13] C
[51] **Int.Cl. B62J 33/00 (2006.01) B60N 3/02 (2006.01)**
[25] EN
[54] **WIRING STRUCTURE OF GRIP HEATER**
[54] **STRUCTURE DE CABLAGE DE PRISE A ELEMENT CHAUFFANT**
[72] OSANAI, TAKUYA, JP
[72] KIKUCHI, YUTAKA, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2965452)
[87] (2965452)
[22] 2017-04-27
[30] JP (2016-098162) 2016-05-16

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[11] **2,965,649**
[13] C
[51] **Int.Cl. E03D 5/10 (2006.01)**
[25] EN
[54] **TOILET WITH OVERFLOW PROTECTION**
[54] **WC A PROTECTION ANTI-DEBORDEMENT**
[72] VEROS, MICHAEL J., US
[72] THOMAS, KURT JUDSON, US
[72] RODENBECK, ROBERT W., US
[72] MARTY, GARRY ROBIN, US
[72] BROWN, DEREK ALLEN, US
[73] DELTA FAUCET COMPANY, US
[86] (2965649)
[87] (2965649)
[22] 2013-03-13
[62] 2,866,181
[30] US (61/610,205) 2012-03-13
[30] US (61/722,074) 2012-11-02

[11] **2,968,870**
[13] C
[51] **Int.Cl. F16C 27/02 (2006.01) F16C 27/08 (2006.01)**
[25] EN
[54] **THRUST BEARING**
[54] **PALIER DE BUTEE**
[72] OMORI, NAOMICHI, JP
[73] IHI CORPORATION, JP
[86] (2968870)
[87] (2968870)
[22] 2014-01-24
[62] 2,899,407
[30] JP (2013-013170) 2013-01-28

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[11] **2,970,331**
[13] C
[51] **Int.Cl. B65F 3/00 (2006.01) B60P 1/36 (2006.01) B60P 1/48 (2006.01)**
[25] EN
[54] **BELT OPERATED CONTAINER HANDLING SYSTEM FOR SIDE LOADER**
[54] **SYSTEME DE TRAITEMENT DE CONTENEUR FONCTIONNANT A COURROIE DESTINE A UN VEHICULE A CHARGEMENT LATERAL**
[72] MELDAHL, BRIAN R., US
[72] MCNEILUS, GRANT, US
[73] CON-TECH MANUFACTURING, INC., US
[86] (2970331)
[87] (2970331)
[22] 2017-06-12
[30] US (15/353,255) 2016-11-16

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[13] C
[51] **Int.Cl. E21B 37/00 (2006.01) E21B 41/00 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **VISUALIZATION OF WELLBORE CLEANING PERFORMANCE**
[54] **VISUALISATION DES PERFORMANCES DE NETTOYAGE DE PUITS DE FORAGE**
[72] MARLAND, CHRISTOPHER NEIL, US
[72] WILKES, JOHN, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-09
[86] 2015-12-22 (PCT/US2015/067481)
[87] (WO2016/130220)
[30] US (62/115,045) 2015-02-11

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[13] C
[51] **Int.Cl. C11D 7/32 (2006.01) A61L 2/16 (2006.01) C11D 7/08 (2006.01) C11D 7/26 (2006.01) C11D 7/42 (2006.01)**
[25] EN
[54] **DETERGENT FOR MEDICAL INSTRUMENTATION**
[54] **DETERGENT POUR INSTRUMENTS MEDICAUX**
[72] GLASBEY, TREVOR OWEN, AU
[72] HOFFMANN, CHRISTOPHER DAVID, AU
[72] MORGAN, PHILIP JOHN, AU
[72] ROBERTS, NICHOLAS ALAN, AU
[73] WHITELEY CORPORATION PTY LTD, AU
[85] 2017-06-28
[86] 2016-01-21 (PCT/AU2016/050029)
[87] (WO2016/127206)
[30] AU (2015900443) 2015-02-12

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[13] C
[51] **Int.Cl. G06F 12/0844 (2016.01) G06F 12/0866 (2016.01) G06F 17/30 (2006.01)**
[25] EN
[54] **DISTRIBUTED CACHE FOR GRAPH DATA**
[54] **CACHE REPARTI POUR DONNEES GRAPHIQUES**
[72] VENKATARAMANI, VENKATESHWARAN, US
[73] FACEBOOK, INC., US
[86] (2974065)
[87] (2974065)
[22] 2011-11-30
[62] 2,964,006
[30] US (61/428,799) 2010-12-30
[30] US (13/227,381) 2011-09-07

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[13] C
[51] **Int.Cl. A61B 5/0476 (2006.01) G16H 50/00 (2018.01) A61B 5/00 (2006.01) A61B 5/04 (2006.01)**
[25] EN
[54] **SYSTEM, PROCESS, AND DEVICES FOR REAL-TIME BRAIN MONITORING**
[54] **SYSTEME, PROCEDE ET DISPOSITIF DE SURVEILLANCE DU CERVEAU EN TEMPS REEL**
[72] NENADOVIC, VERA, CA
[72] GUEVARA ERRA, RAMON MARIANO, FR
[72] BOULET, JASON, CA
[73] BRAINSVIEW INC., CA
[85] 2017-08-02
[86] 2017-03-03 (PCT/CA2017/050593)
[87] (WO2017/197516)
[30] US (62/303,635) 2016-03-04
[30] US (62/365,506) 2016-07-22

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[13] C
[51] **Int.Cl. A47C 1/00 (2006.01) A47C 7/62 (2006.01) G09B 9/00 (2006.01) G09B 9/12 (2006.01)**
[25] EN
[54] **MOTION SEAT CONFIGURED TO EFFECT FORWARD AND AFT MOVEMENT**
[54] **SIEGE MOBILE CONFIGURE POUR EFFECTUER UN MOUVEMENT AVANT-ARRIERE**
[72] GARVIS, ANDREW W., US
[72] WILHELM, DENNIS P., US
[72] JOHNSON, RICHARD E., US
[72] LANSRUD, STEVEN G., US
[73] INDUSTRIAL SMOKE & MIRRORS, INC., US
[86] (2977512)
[87] (2977512)
[22] 2012-01-17
[62] 2,764,673
[30] US (13/173,620) 2011-06-30

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[13] C
[51] **Int.Cl. G01F 22/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR AUTOMATIC DETERMINATION OF LIQUID VOLUME**
[54] **SYSTEME PERMETTANT UNE DETERMINATION AUTOMATIQUE D'UN VOLUME DE LIQUIDE**
[72] SIMON, STEVE N. G., CA
[73] SIMON, STEVE N. G., CA
[85] 2017-09-29
[86] 2016-03-31 (PCT/CA2016/050376)
[87] (WO2016/154758)
[30] US (62/141,658) 2015-04-01

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[13] C
[51] **Int.Cl. H01F 38/14 (2006.01) B60L 5/00 (2006.01)**
[25] EN
[54] **GROUND-SIDE COIL UNIT**
[54] **UNITE DE BOBINE COTE SOL**
[72] NARUSE, YUJI, JP
[72] MINAGAWA, YUUSUKE, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-10-04
[86] 2015-04-08 (PCT/JP2015/060914)
[87] (WO2016/162964)

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[13] C
[51] **Int.Cl. F04D 29/18 (2006.01) A61M 1/12 (2006.01) B63H 1/12 (2006.01) F04D 13/06 (2006.01)**
[25] FR
[54] **TURBINE WITH INTERNAL BLADES**
[54] **TURBINE A PALES INTERNES**
[72] HADDADI, MOHAMMAD, FR
[72] GARRIGUE, STEPHANE, FR
[72] MASCARELL, ARNAUD, FR
[73] FINEHEART, FR
[86] (2982139)
[87] (2982139)
[22] 2017-10-12
[30] FR (1758739) 2017-09-21

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[11] **2,983,119**
[13] C
[51] **Int.Cl. G06K 7/01 (2006.01) G06K 7/10 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **ARRANGEMENT FOR AND METHOD OF COMPATIBLY DOCKING A CORDLESS ELECTRO-OPTICAL READER WITH DIFFERENT DOCKING STATIONS**
[54] **DISPOSITIF ET PROCEDE POUR L'ACCUEIL EN COMPATIBILITE D'UN LECTEUR ELECTRO-OPTIQUE SANS FIL AVEC DIFFERENTES STATIONS D'ACCUEIL**
[72] DRZYMALA, MARK E., US
[72] BARKAN, EDWARD D., US
[72] GIORDANO, JOSEPH D., US
[72] MITELMAN, YULY, US
[73] SYMBOL TECHNOLOGIES, LLC, US
[85] 2017-10-17
[86] 2016-03-17 (PCT/US2016/022775)
[87] (WO2016/175930)
[30] US (14/697,929) 2015-04-28

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[11] **2,986,161**
[13] C
[51] **Int.Cl. B62D 63/08 (2006.01) B60P 7/02 (2006.01)**
[25] EN
[54] **WATERPROOF TOP DOOR FOR TRAILER**
[54] **PORTE SUPERIEURE IMPERMEABLE POUR REMORQUE**
[72] LEES, RICK, CA
[72] MAERTENS, ANDREW JOSEPH, CA
[72] KLOEPFER, MICHAEL, CA
[73] TITAN TRAILERS INC., CA
[85] 2017-11-16
[86] 2016-06-20 (PCT/CA2016/050719)
[87] (WO2016/205930)
[30] US (62/183,419) 2015-06-23

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[11] **2,988,669**
[13] C
[51] **Int.Cl. G01M 3/16 (2006.01)**
[25] EN
[54] **SCANNING PLATFORM FOR LOCATING BREACHES IN ROOFING AND WATERPROOFING MEMBRANES WITH CONDUCTIVE SURFACE**
[54] **PLATEFORME DE BALAYAGE SERVANT A REPERER DES FAILLES DANS UNE TOITURE ET LES MEMBRANES D'ETANCHEISATION A SURFACE CONDUCTRICE**
[72] VOKEY, DAVID, CA
[72] MCGOUGH, BRYAN, US
[73] DETEC SYSTEMS LTD., CA
[86] (2988669)
[87] (2988669)
[22] 2017-12-13

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[11] **2,988,900**
[13] C
[51] **Int.Cl. A61C 17/02 (2006.01) A61C 5/42 (2017.01) A61C 3/03 (2006.01) A61C 17/06 (2006.01)**
[25] EN
[54] **ULTRASONIC TIP ASSEMBLY**
[54] **ENSEMBLE POINTE ULTRASONORE**
[72] MAXWELL, RANDALL, US
[72] WILKINSON, KEVIN, US
[73] DENTSPLY INTERNATIONAL INC., US
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[54] **UNIVERSAL TENSEGRITY JOINTS FOR HUMAN EXOSKELETON**
[54] **ARTICULATION EN TENSEGRITE POUR EXOSQUELETTE HUMAIN UNIVERSEL**
[72] HUGHES, MIKE, US
[72] ANGOLD, RUSSDON, US
[72] VICKERS, JEFF, US
[72] ROAN, BRADLEY, US
[72] AMUNDSON, KURT, US
[72] FLEMING, NICHOLAS, US
[73] EKSO BIONICS, INC., US
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[54] **ELECTROCHEMICAL METABOLIC ACTIVITY DETECTING DEVICE**
[54] **DISPOSITIF DE DETECTION D'ACTIVITE METABOLIQUE ELECTROCHIMIQUE**
[72] KELLEY, SHANA OLWYN, CA
[72] SARGENT, EDWARD HARTLEY, CA
[72] BESANT, JUSTIN DAVID, CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[54] **IMAGE PROJECTION DEVICE**
[54] **DISPOSITIF DE PROJECTION D'IMAGE**
[72] REBOT, NATALIE ROSANNA, CA
[73] MOONLITE WORLD INC., CA
[85] 2018-01-25
[86] 2017-06-16 (PCT/CA2017/000152)
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[54] **SLAT WITH PRESSURE CONTACT PORTION AND BLINDS USING SAME**
[54] **LATTE AVEC PARTIE DE CONTACT A PRESSION ET STORES L'UTILISANT**
[72] NANBA, SHUJI, JP
[73] BUNKA, INC., JP
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[25] EN
[54] **VEHICULAR DISPLAY DEVICE AND VEHICULAR DISPLAY METHOD**
[54] **DISPOSITIF D'AFFICHAGE DESTINE A UN VEHICULE ET METHODE D'AFFICHAGE DESTINEE A UN VEHICULE**
[72] KOSAKA, NORIO, JP
[72] YAMAMOTO, TETSUYA, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-03-26
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[54] **VEHICULAR DISPLAY DEVICE**
[54] **DISPOSITIF D'AFFICHAGE DE VEHICULE**
[72] MARUYAMA, KENJI, JP
[72] WATANABE, HIROSHI, JP
[72] KOSAKA, NORIO, JP
[72] SHISHIDO, MASAYUKI, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **METHOD FOR EMBEDDING INTEGRATED CIRCUIT FLIP CHIP**
[54] **PROCEDE D'INCORPORATION DE PUCE RETOURNEE DE CIRCUIT INTEGRE**
[72] NG, ENG SENG, SG
[72] PANG, SZE YONG, SG
[73] NG, ENG SENG, SG
[73] SMARTFLEX TECHNOLOGY PTE LTD, SG
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[54] **BRAKING/DRIVING FORCE CONTROL METHOD AND BRAKING/DRIVING FORCE CONTROL DEVICE**
[54] **PROCEDE ET DISPOSITIF DE COMMANDE DE FORCE DE FREINAGE/D'ENTRAINEMENT**
[72] OHTA, MITSUNORI, JP
[72] MIYASHITA, NAOKI, JP
[72] SHIOZAWA, YUUKI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-05-07
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[54] **OBJECT TRACKING AND STEER MANEUVERS FOR MATERIALS HANDLING VEHICLES**
[54] **SUIVI D'OBJET ET MANOEUVRES DE DIRECTION DESTINEES A DES VEHICULES DE MANUTENTION DE MATERIAUX**
[72] CASTANEDA, ANTHONY T., US
[72] MCCROSKEY, WILLIAM W., US
[72] SCHLOEMER, JAMES F., US
[72] SCHUMACHER, MARK E., US
[72] SIEFRING, VERNON W., US
[72] WELLMAN, TIMOTHY A., US
[73] CROWN EQUIPMENT CORPORATION, US
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[54] **SETTLEMENT SYSTEM AND SETTLEMENT METHOD**
[54] **SYSTEME DE REGLEMENT ET PROCEDE DE REGLEMENT**
[72] ARIKAWA, SHINICHIROU, JP
[72] FUJIYOSHI, EIJI, JP
[73] 10353744 CANADA LTD., CA
[85] 2018-06-22
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[25] EN
[54] **FLEXIBLE CONDUCTIVE APPARATUS AND SYSTEMS FOR DETECTING PRESSURE**
[54] **APPAREIL CONDUCTEUR FLEXIBLE ET SYSTEMES DE DETECTION DE PRESSION**
[72] SHIM, EDWARD SUP, CA
[72] LIN, YING-HSIN, CA
[73] STUDIO 1 LABS INC., CA
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[25] EN
[54] **BIOPSY CONTROL SYSTEM AND METHODS**
[54] **SYSTEME ET METHODES DE CONTROLE DE BIOPSIE**
[72] VOUNG, THANH VINH, CA
[72] BUXTON, MICHAEL FRANCIS, CA
[72] FRANJIC, KRESIMIR, CA
[72] MAK, SIU WAI JACKY, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[25] EN
[54] **A PERSONAL ELECTRIC GENERATOR PROVIDING SUBSTANTIAL INDEPENDENCE FROM THE GRID**
[54] **UNE GENERATRICE ELECTRIQUE PERSONNELLE OFFRANT UNE INDEPENDANCE SUBSTANTIELLE DU RESEAU DE DISTRIBUTION**
[72] PICCONE, LOUIS A., CA
[72] PICCONE, VASILY GEORGE, CA
[71] PICCONE, LOUIS A., CA
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[25] EN
[54] **A WIRE ROPE SEGMENT FOR DAMPING TRANSMISSION OF CYCLIC FORCES TO A DOWNHOLE PUMP, AND A SYSTEM FOR PUMPING OIL FROM A WELL USING A WIRE ROPE SEGMENT**
[54] **UN SEGMENT DE CABLE D'ACIER DESTINE A ATTENUER LA TRANSMISSION DE FORCES CYCLIQUES A UNE POMPE DE FOND DE TROU, ET UN SYSTEME DE POMPAGE DE PETROLE D'UN PUITS EMPLOYANT UN SEGMENTDE CABLE D'ACIER**
[72] COLEMAN, JASON R., CA
[71] PROCO WELDING INC., CA
[22] 2017-03-03
[41] 2018-09-03

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[25] EN
[54] **VISION CORRECTION SYSTEM AND METHOD, AND LIGHT FIELD DISPLAY AND BARRIER THEREFOR**
[54] **SYSTEME ET METHODE DE CORRECTION DE LA VISION, ET AFFICHEUR ET BARRIERE DE CHAMP LUMINEUX ASSOCIES**
[72] VERTEGAAL, ROEL, CA
[72] HANEWICH-HOLLATZ, ANDREAS, CA
[72] GOTSCH, DANIEL, CA
[71] EVOLUTION OPTIKS LIMITED, BB
[22] 2017-03-03
[41] 2018-09-03

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[54] **SHARE TRANSPORATION**
[54] **TRANSPORT COLLECTIF**
[72] ZHANG, HANG, CA
[71] ZHANG, HANG, CA
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[25] EN
[54] **SYSTEM AND METHOD FOR ANIMATED LIP SYNCHRONIZATION**
[54] **SYSTEME ET METHODE DE SYNCHRONISATION DE LEVRES ANIMEE**
[72] EDWARDS, PIF, CA
[72] LANDRETH, CHRIS, CA
[72] FIUME, EUGENE, CA
[72] SINGH, KARAN, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[25] EN
[54] **MODULAR VEHICLE**
[54] **VEHICULE MODULAIRE**
[72] LAROSE, PAUL, US
[72] KUMAR, ANJANI, US
[72] PATEL, MITESHKUMAR HASMUKHLAL, US
[71] NEW ENGLAND WHEELS, INC., US
[22] 2017-03-02
[41] 2018-09-02

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[51] **Int.Cl. B62D 55/00 (2006.01)**
[25] EN
[54] **DRIVE ASSEMBLY CLEARING MEMBER**
[54] **ELEMENT DE NETTOYAGE DE MECANISME D'ENTRAINEMENT**
[72] HOLOWACHUK, JAMES LAWRENCE, CA
[71] 1845067 ALBERTA LTD., CA
[22] 2017-03-03
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[51] **Int.Cl. B62K 19/34 (2006.01) B62M 1/36 (2013.01) B62M 3/00 (2006.01)**
[25] EN
[54] **BOTTOM BRACKET AND CRANK SPINDLE UNIT WITH STARTING TORQUE OPTIMIZATION FOR BMX RACING EQUIPMENT**
[54] **MODULE DE SUPPORT INFERIEUR ET TIGE DE MANIVELLE DOTE D'OPTIMISATION DE COUPLE DE DEMARRAGE DESTINE A UN EQUIPEMENT DE SPORT BMX**
[72] GANAKOVSKY, IGOR, CA
[71] GANAKOVSKY, IGOR, CA
[22] 2017-03-06
[41] 2018-09-06

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[51] **Int.Cl. D07B 1/16 (2006.01) D07B 5/00 (2006.01)**
[25] EN
[54] **JACKETED WIRE ROPE**
[54] **CABLE D'ACIER GAINE**
[72] CARTER, BONITA, CA
[71] CARTER, BONITA, CA
[22] 2017-03-03
[41] 2018-09-03

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[51] **Int.Cl. B62D 25/18 (2006.01) B60R 19/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE VEHICULAR FENDER EXTENSION**
[54] **RALLONGE DE GARDE-BOUE DE VEHICULE AJUSTABLE**
[72] WILSON, KYLE, CA
[71] WILSON, KYLE, CA
[22] 2017-03-06
[41] 2018-09-06

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[51] **Int.Cl. E21B 47/04 (2012.01) E21B 25/00 (2006.01) E21B 47/09 (2012.01) E21B 49/02 (2006.01)**
[25] EN
[54] **DEVICE, SYSTEM AND METHOD FOR CORRELATING CORE SAMPLE ZONES WITH ACTUAL SUBTERRANEAN DEPTH**
[54] **DISPOSITIF, SYSTEME ET METHODE DE CORRELATION DE ZONES D'ECHANTILLON PRINCIPALES AVEC LA PROFONDEUR SOUTERRAINE REELLE**
[72] WRIGHT, TOM A., CA
[71] COASTLINE TECHNOLOGIES INC., CA
[22] 2017-03-06
[41] 2018-09-06

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[51] **Int.Cl. E04F 13/06 (2006.01) E04F 19/02 (2006.01)**
[25] EN
[54] **PAPERBEAD FOR PROTECTING DRYWALL CORNERS**
[54] **BAGUETTE DE PAPIER DESTINE A PROTEGER LES COINS DE CLOISON SECHE**
[72] BODNER, STEPHEN, CA
[71] BAILEY METAL PRODUCTS LIMITED, CA
[22] 2017-03-03
[41] 2018-09-03

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[51] **Int.Cl. E02F 3/36 (2006.01) E02F 9/28 (2006.01)**
[25] EN
[54] **WEDGE COUPLER LUG ATTACHMENTS**
[54] **FIXATIONS D'ERGOT DE RACCORD EN COIN**
[72] CRAIG, BENJAMIN J., CA
[72] BROWN, JAMES K., CA
[72] MCINTOSH, MICHAEL, CA
[72] WAUGH, MARK R., CA
[71] CRAIG MANUFACTURING LTD., CA
[22] 2017-03-06
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[51] **Int.Cl. B65D 83/08 (2006.01)**
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[54] **RAG DISPENSER**
[54] **DISTRIBUTEUR DE CHIFFON**
[72] POIRIER, ROBERT, US
[71] ROEMAR, INC., US
[22] 2017-03-07
[41] 2018-09-03
[30] US (62/467,043) 2017-03-03

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[51] **Int.Cl. F16L 37/086 (2006.01)**
[25] EN
[54] **RELEASABLE CONNECT/DISCONNECT FITTING CONNECTION**
[54] **CONNEXION DE RACCORD DE CONNEXION/DECONNEXION LIBERABLE**
[72] SIMON, JIS, CA
[72] MARTINO, FILIPPO, CA
[72] STIEHL, IVAN, CA
[72] CAMPBELL, JAMES BRUCE ANTHONY, CA
[72] PUACHE, RAYMOND GEORGE, CA
[72] AGAPITO, PAUL, CA
[72] LI, QING, CA
[71] IPEX TECHNOLOGIES INC., CA
[22] 2017-03-06
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[25] FR
[54] **PUCK DEFLECTOR**
[54] **DEFLECTEUR DE RONDELLE**
[72] AILLAUD, JULES, CA
[71] AILLAUD, JULES, CA
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[25] FR
[54] **METHOD AND SYSTEM FOR DRILLING AN ARTESIAN WELL**
[54] **METHODE ET SYSTEME DE FORAGE DE PUITS ARTESIEN**
[72] MASSE, SIMON, CA
[71] INVESTISSEMENT NORDIC INC., CA
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[51] **Int.Cl. A61F 2/68 (2006.01) A61B 5/0476 (2006.01) A61N 1/36 (2006.01) G06F 3/01 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR BRAIN ACTIVITY SIGNAL-BASED TREATMENT AND/OR CONTROL OF USER DEVICES**
[54] **METHODE ET SYSTEME DE TRAITEMENT FONDE SUR L'ACTIVITE CEREBRALE ET CONTROLE DES DISPOSITIFS UTILISATEURS**
[72] MARQUEZ CHIN, CESAR, CA
[72] ATWELL, KATHRYN, CA
[72] POPOVIC, MILOS R., CA
[71] UNIVERSITY HEALTH NETWORK, CA
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[54] **ADD A BLADE IN THE BRUSH ROLLER OF A VACUUM CLEANER**
[54] **AJOUT D'UNE LAME DANS LE ROULEAU-BROSSE D'UN ASPIRATEUR**
[72] QIAN, SHUGUANG, CA
[71] QIAN, SHUGUANG, CA
[22] 2017-03-08
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[25] EN
[54] **PRE-BLENDED AND PACKAGED FROZEN SMOOTHIE NUTRITION MIX, METHOD AND PRODUCT**
[54] **MELANGE NUTRITIONNEL DE BOISSON FOUETTEE PREMELANGEE, EMBALLEE CONGELEE, METHODE ET PRODUIT**
[72] SIMONS, STEPHEN, CA
[71] SIMONS, STEPHEN, CA
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[51] **Int.Cl. A47G 9/10 (2006.01)**
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[72] UNKNOWN, ZZ
[71] CROSSROADS HOLDINGS LTD, CA
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[51] **Int.Cl. B44D 3/12 (2006.01) A47J 47/18 (2006.01)**
[25] EN
[54] **CONTAINER, USE OF THE CONTAINER AS A TRIM PAINT PAIL, AND CORRESPONDING HANDLE ASSEMBLY**
[54] **CONTENANT, UTILISATION DU CONTENANT COMME BAC A PEINTURE DE MOULURE, ET DISPOSITIF DE POIGNEE CORRESPONDANT**
[72] ARVINTE, ROMEO, CA
[72] PANFILI, FRANCOIS, CA
[71] A. RICHARD TOOLS CO./OUTILS A. RICHARD CO., CA
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[25] EN
[54] **A SEAL AND GAPS AND JOINTS SEALING METHOD**
[54] **UN JOINT ET UNE METHODE D'ETANCHEISATION D'ESPACEMENTS ET DE JOINTS**
[72] TUYNMAN, HENDRIK, AU
[72] TUYNMAN, KAREL, AU
[72] ASADABADI, AMIR, AU
[71] JEHBCO SILICONE SPECIALISTS, AU
[22] 2017-03-09
[41] 2018-09-06
[30] AU (2017201530) 2017-03-06

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[13] A1
[51] **Int.Cl. G03B 29/00 (2006.01) B60R 11/04 (2006.01)**
[25] EN
[54] **A FORWARD-FACING IN CAR CAMERA WITHIN THE REARVIEW MIRROR MOUNTING ARM**
[54] **CAMERA INTERIEURE DE VEHICULE A ORIENTATION AVANT INTEGREE DANS LE BRAS D'INSTALLATION DU RETROVISEUR**
[72] PAPINEAU, THOMAS C., CA
[72] PAPINEAU, CAROL L., CA
[71] PAPINEAU, THOMAS C., CA
[71] PAPINEAU, CAROL L., CA
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[51] **Int.Cl. E06B 9/52 (2006.01)**
[25] EN
[54] **SCREEN SYSTEM**
[54] **SYSTEME DE MOUSTIQUAIRE**
[72] EARLES, JASON, CA
[72] STRICKLAND, EUGENE, CA
[71] EARLES, JASON, CA
[71] STRICKLAND, EUGENE, CA
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[41] 2018-09-07
[30] US (15452679) 2017-03-07

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[51] **Int.Cl. F23L 13/04 (2006.01) F23L 3/00 (2006.01) F23M 9/02 (2006.01)**
[25] EN
[54] **AIR DAMPER FOR A FIRE TUBE**
[54] **REGISTRE D'AIR DESTINE A UN TUBE DE FUMEE**
[72] NUK, GREG, CA
[72] LUNDSTROM, ROB, CA
[72] FISHER, WILLIE, CA
[72] FAN, FRANK, CA
[71] MILLSTREAM ENERGY PRODUCTS LTD., CA
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[51] **Int.Cl. H04L 12/16 (2006.01) G02B 27/01 (2006.01)**
[25] EN
[54] **AUGMENTED REALITY SOCIAL NETWORK**
[54] **RESEAU SOCIAL A REALITE AUGMENTE**
[72] UNKNOWN, ZZ
[71] HHUBME INC., CA
[22] 2017-03-08
[41] 2018-09-08

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[51] **Int.Cl. A61H 23/02 (2006.01) A61H 11/00 (2006.01)**
[25] EN
[54] **CHIN MASSAGE DEVICE**
[54] **APPAREIL DE MASSAGE DU MENTON**
[72] CHALKIAS, STEVE, CA
[71] CHALKIAS, STEVE, CA
[22] 2017-03-07
[41] 2018-09-07

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[13] A1
[51] **Int.Cl. B65D 8/00 (2006.01) C12G 3/00 (2006.01)**
[25] EN
[54] **ROARING BARREL**
[54] **BARIL RUGISSANT**
[72] DOYLE, WILL P., CA
[71] DOYLE, WILL P., CA
[22] 2017-03-07
[41] 2018-09-07

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[13] A1
[51] **Int.Cl. G06N 99/00 (2010.01)**
[25] EN
[54] **DISTRIBUTIVE NETWORKS OF GROUPS OF MOVEABLE AUTONOMOUS DEVICES**
[54] **RESEAUX DE DISTRIBUTION DE GROUPES DE DISPOSITIFS AUTONOMES MOBILES**
[72] SHIH, JEANNE LOUISE JLS, CA
[71] SHIH, JEANNE LOUISE JLS, CA
[22] 2017-03-20
[41] 2018-09-05
[30] US (62/467208) 2017-03-05
[30] US (62/467818) 2017-03-07
[30] US (15462747) 2017-03-17

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[13] A1
[51] **Int.Cl. G06N 99/00 (2010.01)**
[25] EN
[54] **DISTRIBUTIVE NETWORKS OF GROUPS OF MOVEABLE AUTONOMOUS DEVICES**
[54] **RESEAUX DE DISTRIBUTION DE GROUPES DE DISPOSITIFS AUTONOMES MOBILES**
[72] SHIH, JEANNE LOUISE JLS, CA
[71] SHIH, JEANNE LOUISE JLS, CA
[22] 2017-03-20
[41] 2018-09-05
[30] US (62/467208) 2017-03-05
[30] US (62/467818) 2017-03-07
[30] US (15462747) 2017-03-17

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A23D 9/00 (2006.01) C08B 30/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 7/06 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X85K001**
[54] **MAIS HYBRIDE X85K001**
[72] SCOTT, LORI KARYN, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-21
[41] 2018-09-02
[30] US (15/447,560) 2017-03-02

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[21] **2,961,627**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **MAIZE INBRED PH2TBH**
[54] **MAIS ENDOGAME PH2TBH**
[72] SCOTT, LORI KARYN, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-22
[41] 2018-09-02
[30] US (15/447,302) 2017-03-02

[21] **2,963,963**
[13] A1
[51] **Int.Cl. B25B 27/14 (2006.01)**
[25] EN
[54] **PINCH CLAMP REMOVAL TOOL AND METHOD**
[54] **OUTIL DE RETRAIT DE PINCE ET METHODE**
[72] POLOFSKY, JEFFREY A., US
[72] STOKES, LISA A., US
[72] HEMBREE, JOHN T., US
[72] ZHANG, LEE, CN
[71] CONBRACO INDUSTRIES, INC., US
[22] 2017-04-12
[41] 2018-09-07
[30] US (15/452,143) 2017-03-07

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[21] **2,964,607**
[13] A1
[51] **Int.Cl. F02C 7/24 (2006.01) F01D 25/24 (2006.01) F02C 7/045 (2006.01)**
[25] EN
[54] **ACOUSTIC PANEL OF TURBINE ENGINE AND METHOD OF ARRANGING THE ACOUSTIC PANEL**
[54] **PANNEAU ACOUSTIQUE DE MOTEUR DE TURBINE ET METHODE DE DISPOSITION DU PANNEAU ACOUSTIQUE**
[72] HEETER, ROBERT WARREN, US
[72] RIVERS, JONATHAN M., US
[72] BURNEY, DENNIES KYLE, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-04-18
[41] 2018-09-07
[30] US (15/452,311) 2017-03-07

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[13] A1
[51] **Int.Cl. F04B 53/10 (2006.01) E21B 34/14 (2006.01) F04B 47/00 (2006.01)**
[25] EN
[54] **DUMP VALVE ASSEMBLY AND METHOD THEREFOR**
[54] **DISPOSITIF DE CLAPET DE VIDANGE ET METHODE ASSOCIEE**
[72] FORD, MICHAEL BRENT, US
[71] FORD, MICHAEL BRENT, US
[22] 2017-04-19
[41] 2018-09-02
[30] US (15/448,058) 2017-03-02

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A23L 25/00 (2016.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR CL1460725**
[54] **CULTIVAR DE SOYA CL1460725**
[72] ERDAHL, BRIAN SCOTT, US
[72] THRELKELD, KEVIN CHRIS, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-01
[41] 2018-09-02
[30] US (15/447,869) 2017-03-02

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A23L 25/00 (2016.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR CL1563238**
[54] **CULTIVAR DE SOYA CL1563238**
[72] LEE, DAVID SCOTT, US
[72] ERDAHL, BRIAN, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-01
[41] 2018-09-03
[30] US (15/449,275) 2017-03-03

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A23L 25/00 (2016.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR CL1460643**
[54] **CULTIVAR DE SOYA CL1460643**
[72] APONTE-RIVERA, JOSE, US
[72] ERDAHL, BRIAN SCOTT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-01
[41] 2018-09-03
[30] US (15/448,628) 2017-03-03

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A23L 25/00 (2016.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] FR
[54] **CULTIVAR DE SOYA CL1460745**
[54] **SOYBEAN CULTIVAR CL1460745**
[72] THRELKELD, KEVIN CHRIS, US
[72] ERDAHL, BRIAN SCOTT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-01
[41] 2018-09-07
[30] US (15/451,661) 2017-03-07

[21] **2,965,913**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A23L 25/00 (2016.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR CL1463332**
[54] **CULTIVAR DE SOYA CL1463332**
[72] THRELKELD, KEVIN CHRIS, US
[72] ERDAHL, BRIAN SCOTT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-01
[41] 2018-09-07
[30] US (15/451,654) 2017-03-07

[21] **2,966,366**
[13] A1
[51] **Int.Cl. F21V 21/04 (2006.01) F21S 8/02 (2006.01) F21V 17/10 (2006.01) F21V 5/04 (2006.01)**
[25] EN
[54] **ULTRATHIN LAMP**
[54] **LAMPE ULTRAMINCE**
[72] ZHANG, XICHUN, CN
[71] ZHONGSHAN POSO LIGHTING CO., LTD., CN
[22] 2017-05-10
[41] 2018-09-06
[30] CN (201720212700.6) 2017-03-06

[21] **2,968,712**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR CL1460479**
[54] **CULTIVAR DE SOYA CL1460479**
[72] THRELKELD, KEVIN CHRIS, US
[72] ERDAHL, BRIAN SCOTT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-29
[41] 2018-09-07
[30] US (15/451,573) 2017-03-07

[21] **2,968,715**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR CL1563225**
[54] **CULTIVAR DE SOYA CL1563225**
[72] LEE, DAVID SCOTT, CA
[72] ERDAHL, BRIAN SCOTT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-29
[41] 2018-09-03
[30] US (15/449,337) 2017-03-03

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR CL1561726**
[54] **CULTIVAR DE SOYA CL1561726**
[72] LEE, DAVID SCOTT, US
[72] ERDAHL, BRIAN SCOTT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-29
[41] 2018-09-03
[30] US (15/449,313) 2017-03-03

[21] **2,968,775**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR CW1410054**
[54] **CULTIVAR DE SOYA CW1410054**
[72] DELHEIMER, JACOB CHARLES, US
[72] MCCLURE, DONALD BRUCE, CA
[72] LEE, DAVID SCOTT, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-29
[41] 2018-09-08
[30] US (15/452,765) 2017-03-08

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR CW1510064**
[54] **CULTIVAR DE SOYA CW1510064**
[72] DELHEIMER, JACOB CHARLES, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-29
[41] 2018-09-08
[30] US (15/452,770) 2017-03-08

[21] **2,968,966**
[13] A1
[51] **Int.Cl. A01D 44/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR HARVESTING PLANKTON AND OTHER BIOMASS FROM A DEAD ZONE**
[54] **APPAREIL ET METHODE DE RECOLTE DE PLANCTON ET D'AUTRE BIOMASSE D'UNE ZONE MORTE**
[72] BECKER, WILLIAM R., US
[71] BECKER, WILLIAM R., US
[22] 2017-05-31
[41] 2018-09-02
[30] US (15/447,839) 2017-03-02

[21] **2,972,077**
[13] A1
[51] **Int.Cl. B65D 71/70 (2006.01) B65D 21/02 (2006.01)**
[25] EN
[54] **NESTING CONTAINER CARRIER**
[54] **PORTE-CONTENEUR EMBOITE**
[72] BORG, ZAKARY JAMES, US
[72] MELLOR, RONALD LEE, JR., US
[71] OREGON PRECISION INDUSTRIES, INC. DBA PAKTECH, US
[22] 2017-06-29
[41] 2018-09-03
[30] US (15/449,826) 2017-03-03

[21] **2,972,081**
[13] A1
[51] **Int.Cl. B65D 71/50 (2006.01)**
[25] EN
[54] **CONTAINER CARRIER WITH FLEXIBLE FLANGE**
[54] **PORTE-CONTENEUR A BRIDE SOUPLE**
[72] BORG, ZAKARY JAMES, US
[72] MELLOR, RONALD LEE, JR., US
[71] OREGON PRECISION INDUSTRIES, INC. DBA PAKTECH, US
[22] 2017-06-29
[41] 2018-09-03
[30] US (15/449,831) 2017-03-03

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[21] **2,975,056**
[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01) H04M 3/22 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EFFICIENT NETWORK CONVERSATION BANDWIDTH STATISTICS GATHERING**
[54] **SYSTEMES ET METHODES DE COLLECTE DE STATISTIQUES DE LARGEUR DE BANDE DE CONVERSATION RESEAU EFFICACE**
[72] VODOPIVEC, MARIO, CA
[71] ESENTIRE, INC., CA
[22] 2017-08-01
[41] 2018-09-07
[30] US (15/451,994) 2017-03-07

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[13] A1
[51] **Int.Cl. E21B 47/14 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **ADAPTIVE NOISE REDUCTION FOR EVENT MONITORING DURING HYDRAULIC FRACTURING OPERATIONS**
[54] **REDUCTION DE BRUIT ADAPTATIVE DESTINEE A LA SURVEILLANCE D'EVENEMENT PENDANT LES OPERATIONS DE FRACTURATION HYDRAULIQUE**
[72] WARNER, WILLIAM DEAN, CA
[72] ZIELEMAN, MATTHEW JOHAN, CA
[71] COLD BORE TECHNOLOGY INC., CA
[22] 2017-08-23
[41] 2018-09-03
[30] US (62/466834) 2017-03-03

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[13] A1
[51] **Int.Cl. G09F 3/03 (2006.01) G06K 19/07 (2006.01) G06K 19/077 (2006.01)**
[25] EN
[54] **CONNECTABLE SMART LABEL OR TAG, AND METHODS OF MAKING AND CONNECTING THE SAME**
[54] **BALISE OU ETIQUETTE INTELLIGENTE CONNECTABLE, ET LEURS METHODES DE FABRICATION ET D'UTILISATION**
[72] ULAND, DAVID, US
[72] BRITTON, PATRICIA, US
[72] FISCHER, PETER, US
[72] CHANDRA, ADITI, US
[71] THIN FILM ELECTRONICS ASA, NO
[22] 2017-09-18
[41] 2018-09-03
[30] US (62/446,910) 2017-03-03

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[13] A1
[51] **Int.Cl. G06F 3/12 (2006.01) G06F 13/362 (2006.01) G07B 1/00 (2006.01) G07F 17/32 (2006.01)**
[25] EN
[54] **THERMAL PRINTER FOR A VIDEO TERMINAL**
[54] **IMPRIMANTE THERMIQUE DESTINEE A UN TERMINAL VIDEO**
[72] VIENNEAU, DANIEL, CA
[72] VIENNEAU, MICHEL, CA
[72] MOFFAT, SEAN, CA
[71] NANOPTIX INC., CA
[22] 2017-09-26
[41] 2018-09-03
[30] US (62/466,665) 2017-03-03

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[13] A1
[51] **Int.Cl. F21V 29/74 (2015.01) F21V 29/76 (2015.01) F21V 29/83 (2015.01) F21K 9/00 (2016.01) F21S 41/141 (2018.01) F21S 45/47 (2018.01)**
[25] EN
[54] **HEAT DISSIPATION DEVICE FOR LED LAMP**
[54] **DISPOSITIF DE DISSIPATION THERMIQUE DESTINE A UNE LAMPE A DEL**
[72] XU, BAOZHOU, CN
[71] XU, BAOZHOU, CN
[22] 2017-09-22
[41] 2018-09-07
[30] CN (201710131724.3) 2017-03-07
[30] US (15/640,579) 2017-07-02

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[13] A1
[51] **Int.Cl. F02C 7/24 (2006.01) B64D 29/00 (2006.01) B64D 33/00 (2006.01) F01D 25/24 (2006.01) F02C 7/045 (2006.01)**
[25] EN
[54] **ACOUSTIC PANEL OF TURBINE ENGINE**
[54] **PANNEAU ACOUSTIQUE DE MOTEUR DE TURBINE**
[72] HEETER, ROBERT WARREN, US
[72] RIVERS, JONATHAN, US
[72] BURNEY, DENNES KYLE, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-10-16
[41] 2018-09-07
[30] US (15/452,341) 2017-03-07

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[13] A1
[51] **Int.Cl. B26B 29/06 (2006.01) B26B 11/00 (2006.01)**
[25] EN
[54] **CIRCLE CUTTER**
[54] **DECOUPE-CERCLE**
[72] BOISSONNEAULT, CAMILLE, CA
[71] BOISSONNEAULT, CAMILLE, CA
[22] 2017-10-23
[41] 2018-09-04

[21] 2,986,741
[13] A1
[51] **Int.Cl. B64D 27/02 (2006.01) B64C 7/02 (2006.01) B64C 27/28 (2006.01) B64D 29/02 (2006.01)**
[25] EN
[54] **TILTROTOR AIRCRAFT ROTATING PROPROTOR ASSEMBLY**
[54] **ASSEMBLAGE DE ROTOR ORIENTABLE FAISANT TOURNER UN AERONEF A ROTOR BASCULANT**
[72] ROSS, BRENT C., US
[72] RINEHART, MICHAEL E., US
[72] WILLIAMS, JEFFREY M., US
[72] SMITH, CLEGG, US
[72] PRAVANH, NICK, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2017-11-23
[41] 2018-09-02
[30] US (15/448,415) 2017-03-02
[30] US (15/448,136) 2017-03-02
[30] US (15/661,129) 2017-07-27

[21] 2,990,674
[13] A1
[51] **Int.Cl. B65D 41/34 (2006.01) B65D 41/04 (2006.01)**
[25] EN
[54] **CONTAINER CAP EQUIPPED WITH FUNCTION FOR UNFOLDING STATE**
[54] **CAPUCHON DE CONTENANT EQUIPE D'UNE FONCTION D'ETAT DEPLIE**
[72] SUNG, BO YOUN, KR
[71] KIM, SOO KEUM, KR
[22] 2018-01-03
[41] 2018-09-07
[30] KR (10-2017-0028808) 2017-03-07
[30] KR (10-2017-0100511) 2017-08-08

[21] 2,990,819
[13] A1
[51] **Int.Cl. B64C 25/42 (2006.01) F16D 63/00 (2006.01) F16H 23/00 (2006.01)**
[25] EN
[54] **ELLIPTICALLY INTERFACING GEAR ASSISTED BRAKING SYSTEM**
[54] **SYSTEME DE FREINAGE ASSISTE PAR ENGRENAGE A INTERFACE ELLIPTIQUE**
[72] ATMUR, ROBERT J., US
[72] SARGENT, WILLIAM PATRICK, US
[71] THE BOEING COMPANY, US
[22] 2018-01-04
[41] 2018-09-02
[30] US (15/448490) 2017-03-02

[21] 2,991,355
[13] A1
[51] **Int.Cl. F21V 21/03 (2006.01) F21V 21/02 (2006.01)**
[25] EN
[54] **CANOPY INTERFACE FOR A CEILING MOUNT**
[54] **INTERFACE D'AUVENT DESTINEE A UNE INSTALLATION AU PLAFOND**
[72] YAPHE, HOWARD, CA
[72] BELAND, STEPHANE, CA
[72] MILES, ANDREW, CA
[72] GAGNE, JEAN, CA
[71] AXIS LIGHTING INC., CA
[22] 2018-01-09
[41] 2018-09-02
[30] US (15/447,841) 2017-03-02

[21] 2,991,456
[13] A1
[51] **Int.Cl. A01C 7/12 (2006.01)**
[25] EN
[54] **PRE-METERING SYSTEM FOR FEEDING DIFFERENT TYPES OF SEED INTO A SEED METER**
[54] **SYSTEME DE PREMESURE DESTINE A ALIMENTER DIFFERENTS TYPES DE SEMENCE DANS UN DOSEUR DE SEMENCE**
[72] SCHOENY, CHRISTOPHER, US
[72] JOHNSON, CHAD M., US
[72] CZAPKA, JASON T., US
[72] LANDOLT, DARIAN E., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2018-01-10
[41] 2018-09-08
[30] US (15/453,063) 2017-03-08

[21] 2,992,069
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR CL1463417**
[54] **CULTIVAR DE SOYA CL1463417**
[72] THRELKELD, KEVIN CHRIS, US
[72] ERDAHL, BRIAN SCOTT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2018-01-16
[41] 2018-09-07
[30] US (15/451,544) 2017-03-07

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[13] A1
[51] **Int.Cl. B21K 21/04 (2006.01) F42B 5/28 (2006.01) F42B 33/00 (2006.01)**
[25] EN
[54] **LONG CARTRIDGE CASE**
[54] **BOITIER DE CARTOUCHE ALLONGE**
[72] CARPER, JEFFREY W., US
[72] SNAVELY, CHRISTOPHER W., US
[71] NATIONAL MACHINERY LLC, US
[22] 2018-01-16
[41] 2018-09-07
[30] US (15/451,717) 2017-03-07

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[13] A1
[51] **Int.Cl. B60P 3/16 (2006.01)**
[25] EN
[54] **AUTOMATIC WASHOUT SYSTEM FOR A MIXER VEHICLE**
[54] **SYSTEME DE LESSIVAGE AUTOMATIQUE DESTINE A UN VEHICULE MELANGEUR**
[72] WURTZ, CHRIS L., US
[72] CLIFTON, CODY D., US
[71] OSHKOSH CORPORATION, US
[22] 2018-01-19
[41] 2018-09-03
[30] US (62/466,960) 2017-03-03

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[13] A1
[51] **Int.Cl. G01S 19/20 (2010.01)**
[25] EN
[54] **FALSE ALARM DISTRIBUTION IN ADVANCED RECEIVER AUTONOMOUS INTEGRITY MONITORING**
[54] **DISTRIBUTION DE FAUSSE ALERTE DANS LA SURVEILLANCE D'INTEGRITE AUTONOME DE RECEPTEUR**
[72] SKALICKY, JAKUB, US
[72] OREJAS, MARTIN, US
[72] RAASAKKA, JUSSI, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-01-22
[41] 2018-09-07
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[54] **RIM SEAL**
[54] **JOINT DE JANTE**
[72] SYNNOTT, REMY, CA
[72] PIETROBON, JOHN, CA
[72] DI PAOLA, FRANCO, CA
[72] SANZARI, LORENZO, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-22
[41] 2018-09-08
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[25] EN
[54] **TORQUE REACTION TOOLS AND METHODS FOR USE**
[54] **OUTILS DE REACTION AU COUPLE ET METHODES D'UTILISATION**
[72] TABLER, BRETTON B., US
[72] PLAIN, KATIE M., US
[72] HAULBROOKS, GERALD L., III, US
[71] THE BOEING COMPANY, US
[22] 2018-01-26
[41] 2018-09-02
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[13] A1
[51] **Int.Cl. H04B 7/185 (2006.01) H04W 12/02 (2009.01)**
[25] EN
[54] **VIRTUAL TRANSPONDER UTILIZING INBAND TELEMETRY**
[54] **TRANSPONDEUR VIRTUEL EMPLOYANT LA TELEMETRIE INTRABANDE**
[72] WINIG, ROBERT J., US
[72] MILLER, KRISTINA, US
[72] ANDEN, ERIC, US
[71] THE BOEING COMPANY, US
[22] 2018-01-29
[41] 2018-09-06
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[25] EN
[54] **INBAND TELEMETRY FOR A VIRTUAL TRANSPONDER**
[54] **TELEMETRIE INTRABANDE DESTINEE A UN TRANSPONDEUR VIRTUEL**
[72] MILLER, KRISTINA, US
[72] ANDEN, ERIC, US
[72] WINIG, ROBERT, US
[72] THOMAS, DIMITRI, US
[71] THE BOEING COMPANY, US
[22] 2018-01-29
[41] 2018-09-06
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[13] A1
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[25] EN
[54] **ADAPTER WITH CENTERING MECHANISM FOR ARTICULATION JOINT**
[54] **ADAPTATEUR DOTE D'UN MECANISME CENTREUR DESTINE A UN JOINT D'ARTICULATION**
[72] BEARDSLEY, JOHN, US
[71] COVIDIEN LP, US
[22] 2018-01-31
[41] 2018-09-03
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[25] EN
[54] **SURGICAL INSTRUMENTS INCLUDING SENSORS**
[54] **INSTRUMENTS CHIRURGICAUX COMPORTANT DES CAPTEURS**
[72] EVANS, CHRISTOPHER K., US
[72] ESCHBACH, MATTHEW, US
[71] COVIDIEN LP, US
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[41] 2018-09-08
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[25] EN
[54] **COOLING SYSTEM WITH PARALLEL COMPRESSION**
[54] **SYSTEME DE REFROIDISSEMENT A COMPRESSION PARALLELE**
[72] ZHA, SHITONG, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2018-01-31
[41] 2018-09-02
[30] US (15/448,341) 2017-03-02

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[13] A1
[51] **Int.Cl. H04W 24/02 (2009.01) H04B 7/15 (2006.01)**
[25] EN
[54] **VIRTUAL TRANSPONDER**
[54] **TRANSPONDEUR VIRTUEL**
[72] MILLER, KRISTINA, US
[72] WINIG, ROBERT J., US
[72] ANDEN, ERIC, US
[72] THOMAS, DIMITRI, US
[71] THE BOEING COMPANY, US
[22] 2018-01-31
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[51] **Int.Cl. H04W 24/02 (2009.01) H04W 12/02 (2009.01) G08C 17/02 (2006.01) H04B 7/185 (2006.01)**
[25] EN
[54] **VIRTUAL TRANSPONDER UTILIZING INBAND COMMANDING**
[54] **TRANSPONDEUR VIRTUEL EMPLOYANT LA COMMANDE INTRABANDE**
[72] WINIG, ROBERT J., US
[72] MILLER, KRISTINA, US
[72] ANDEN, ERIC, US
[71] THE BOEING COMPANY, US
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[25] EN
[54] **DISTRIBUTED PROPULSION SYSTEM POWER UNIT CONTROL**
[54] **COMMANDE DE MODULE D'ALIMENTATION DE SYSTEMES DE PROPULSION DISTRIBUES**
[72] SANDS, JONATHAN S., US
[72] HUMES, RYAN C., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2018-02-07
[41] 2018-09-06
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[51] **Int.Cl. G06K 9/62 (2006.01) A61B 5/103 (2006.01) G06K 9/36 (2006.01)**
[25] EN
[54] **IDENTIFICATION APPARATUS, IDENTIFICATION METHOD AND NON-TRANSITORY COMPUTER-READABLE RECORDING MEDIUM**
[54] **APPAREIL D'IDENTIFICATION, METHODE D'IDENTIFICATION ET SUPPORT D'ENREGISTREMENT INFORMATIQUE NON TRANSITOIRE**
[72] MATSUNAGA, KAZUHISA, JP
[71] CASIO COMPUTER CO., LTD., JP
[22] 2018-02-07
[41] 2018-09-08
[30] JP (2017-044353) 2017-03-08

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[51] **Int.Cl. F21V 21/35 (2006.01) F21V 21/34 (2006.01)**
[25] EN
[54] **LOW PROFILE ADAPTER FOR RECESSED TRACK**
[54] **ADAPTATEUR A PROFIL BAS DESTINE A UN RAIL ENCASTRE**
[72] LAYNE, BRUCE, US
[72] BRAND, JAMES G., US
[71] ABL IP HOLDING LLC, US
[22] 2018-02-06
[41] 2018-09-06
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[13] A1
[51] **Int.Cl. F21K 9/278 (2016.01) F21K 9/27 (2016.01)**
[25] EN
[54] **LED BULB AND METHOD FOR OPERATING SAME**
[54] **AMPOULE A DEL ET METHODE D'UTILISATION DE L'AMPOULE**
[72] SAM, LUIS, US
[72] UPTON, BRENDAN, US
[72] JOHANNESSEN, ERIC, US
[72] VELIS, DENIS, US
[71] B/E AEROSPACE, INC., US
[22] 2018-02-08
[41] 2018-09-07
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[51] **Int.Cl. B27D 1/00 (2006.01) B29C 35/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ADHESIVE ACTIVATION**
[54] **METHODE ET APPAREIL D'ACTIVATION D'ADHESIF**
[72] LIPONKOSKI, SAMI, FI
[71] LEMTAPES OY, FI
[22] 2018-02-09
[41] 2018-09-07
[30] FI (20175211) 2017-03-07

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[51] **Int.Cl. B05D 7/14 (2006.01) B05D 1/36 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR USE IN APPLYING A COATING MATERIAL TO A VEHICLE**
[54] **METHODE ET SYSTEME DESTINES A L'APPLICATION D'UN MATERIAU DE REVETEMENT SUR UN VEHICULE**
[72] NAKAZONO, DAISUKE, US
[72] CARTER, JOHN JEFFREY, US
[72] WILKENS, KEVIN MICHAEL, US
[72] POTUZKO, JASON JOHN, US
[72] HAYCOX, STEVEN LYNN, US
[72] KIMOTO, HIROKO, US
[72] SUZUKI, AKIRA, US
[71] HONDA MOTOR CO., LTD., JP
[22] 2018-02-12
[41] 2018-09-03
[30] US (15/449134) 2017-03-03

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[51] **Int.Cl. B66D 1/02 (2006.01) B66D 1/12 (2006.01) B66D 1/22 (2006.01) B66D 1/82 (2006.01) B66D 5/00 (2006.01) B66D 5/14 (2006.01) E21B 19/084 (2006.01)**
[25] EN
[54] **DRAWWORKS SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DESTINES A UN TREUIL DE FORAGE**
[72] NETECKE, MICHAEL, US
[72] CABRERA, ROGELIO, US
[71] CAMERON INTERNATIONAL CORPORATION, US
[22] 2018-02-13
[41] 2018-09-06
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[13] A1
[51] **Int.Cl. B61F 5/12 (2006.01)**
[25] EN
[54] **RAILWAY CAR TRUCK FRICTION SHOE**
[54] **SABOT DE FRICTION DESTINE A UN WAGON**
[72] COSEGLIA, JOHN, US
[71] AMSTED RAIL COMPANY, INC., US
[22] 2018-02-15
[41] 2018-09-08
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[51] **Int.Cl. E21B 7/08 (2006.01) E21B 7/04 (2006.01)**
[25] EN
[54] **TORQUE GENERATOR**
[54] **GENERATEUR DE COUPLE**
[72] CAMPBELL, JOSH, CA
[71] ANDERSON, CHARLES ABERNETHY, CA
[22] 2018-02-15
[41] 2018-09-06
[30] US (62/467,301) 2017-03-06

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[51] **Int.Cl. H02J 13/00 (2006.01) G05B 19/042 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A LOAD OF AN ELECTRICITY DISTRIBUTION NETWORK**
[54] **METHODE DE CONTROLE D'UNE CHARGE D'UN RESEAU DE DISTRIBUTION ELECTRIQUE**
[72] MARJETA, JUHA, FI
[72] SEPPA, JYRI, FI
[72] JOKELAINEN, JAN, FI
[71] OPTIWATTI OY, FI
[22] 2018-02-16
[41] 2018-09-08
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[13] A1
[51] **Int.Cl. B61L 1/18 (2006.01) B61L 23/16 (2006.01)**
[25] EN
[54] **RAILROAD TRACK CIRCUIT FOR DETERMINING THE OCCUPANCY STATUS OF A PORTION OF A RAILROAD**
[54] **CIRCUIT DE VOIE FERREE SERVANT A DETERMINER L'ETAT D'OCCUPATION D'UNE PORTION D'UNE VOIE FERREE**
[72] NAGRODSKY, NICHOLAS, US
[72] FRIES, JEFFREY, US
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2018-02-16
[41] 2018-09-07
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[51] **Int.Cl. G01S 3/802 (2006.01) G01S 3/808 (2006.01)**
[25] EN
[54] **SOUND SOURCE PROBING APPARATUS, SOUND SOURCE PROBING METHOD, AND STORAGE MEDIUM STORING PROGRAM THEREFOR**
[54] **APPAREIL DE SONDAGE DE SOURCE SONORE, METHODE DE SONDAGE DE SOURCE SONORE ET PROGRAMME DE STOCKAGE DE SUPPORT DE STOCKAGE ASSOCIE**
[72] KANAMORI, TAKEO, JP
[72] HAYASHIDA, KOHHEI, JP
[72] YOSHIKUNI, SHINTARO, JP
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[22] 2018-02-20
[41] 2018-09-03
[30] US (62/466,498) 2017-03-03
[30] JP (2017-216735) 2017-11-09

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[13] A1
[51] **Int.Cl. G05D 1/10 (2006.01) B64C 13/18 (2006.01)**
[25] FR
[54] **AUTOMATIC PILOT DEVICE FOR A ROTARY-WING AIRCRAFT AND ROTARY-WING AIRCRAFT INCLUDING SUCH A DEVICE**
[54] **DISPOSITIF DE PILOTAGE AUTOMATIQUE D'UN AERONEF A VOILURE TOURNANTE ET AERONEF A VOILURE TOURNANTE COMPRENANT UN TEL DISPOSITIF**
[72] COLONNA, FRANCOIS, FR
[72] THOUVENOT, GILLES, FR
[72] AUGER, ALAIN, FR
[71] THALES, FR
[22] 2018-02-19
[41] 2018-09-07
[30] FR (17 00225) 2017-03-07

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[13] A1
[51] **Int.Cl. B65G 47/256 (2006.01) B65G 43/08 (2006.01) B65G 47/14 (2006.01) B65G 47/24 (2006.01) B67B 3/26 (2006.01)**
[25] FR
[54] **RELIABLE DEVICE AND METHOD FOR SUPPLYING COMPLIANT STOPPING ELEMENTS**
[54] **DISPOSITIF ET METHODE DE FOURNITURE FIABLE D'ELEMENTS DE BOUCHAGE CONFORMES**
[72] ROTH, EMMANUEL, FR
[71] GEBO PACKAGING SOLUTIONS FRANCE, FR
[22] 2018-02-20
[41] 2018-09-08
[30] FR (1751863) 2017-03-08

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[51] **Int.Cl. B61F 5/12 (2006.01) B61F 5/06 (2006.01)**
[25] EN
[54] **RAILWAY CAR TRUCK FRICTION SHOE**
[54] **SABOT DE FRICTION DESTINE A UN WAGON**
[72] COSEGLIA, JOHN, US
[71] AMSTED RAIL COMPANY, INC., US
[22] 2018-02-21
[41] 2018-09-08
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[13] A1
[51] **Int.Cl. B61F 5/12 (2006.01) B61F 5/06 (2006.01)**
[25] EN
[54] **RAILWAY CAR TRUCK FRICTION SHOE SPRING GROUP**
[54] **GROUPE DE RESSORTS DE SABOT DE FRICTION DESTINE A UN WAGON**
[72] COSEGLIA, JOHN, US
[72] ARKADYEVICH, ALEYNIKOV IGOR, US
[72] SCHORR, RALPH H., US
[71] AMSTED RAIL COMPANY, INC., US
[22] 2018-02-21
[41] 2018-09-08
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[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) G06F 21/55 (2013.01) H04L 12/22 (2006.01)**
[25] EN
[54] **GENERIC FRAMEWORK TO DETECT CYBER THREATS IN ELECTRIC POWER GRID**
[54] **CADRE GENERIQUE SERVANT A DETECTER LES CYBERMENACES DANS LE RESEAU ELECTRIQUE**
[72] MESTHA, LALIT KESHAV, US
[72] VEDA, SANTOSH SAMBAMOORTHY, US
[72] ABBASZADEH, MASOUD, US
[72] BAONE, CHAITANYA ASHOK, US
[72] YAN, WEIZHONG, US
[72] RAYMAJUMDER, SAIKAT KR, US
[72] BOSE, SUMIT, US
[72] GIANI, ANNARITA, US
[72] ANUBI, OLUGBENGA MOSES, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-02-22
[41] 2018-09-08
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[13] A1
[51] **Int.Cl. H02K 7/18 (2006.01) F16K 31/126 (2006.01) F16K 31/365 (2006.01)**
[25] EN
[54] **GENERATING POWER FOR ELECTRONICS ON A GAS METER**
[54] **PRODUCTION D'ELECTRICITE DESTINEE AUX DISPOSITIFS ELECTRONIQUES SUR UN COMPTEUR DE GAZ**
[72] YAO, RICHARD JIN, US
[71] DRESSER, INC., US
[22] 2018-02-22
[41] 2018-09-08
[30] US (15/452,823) 2017-03-08

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[13] A1
[51] **Int.Cl. G01F 15/14 (2006.01)**
[25] EN
[54] **GAS METER FOR SUBMERGED USE**
[54] **COMPTEUR DE GAZ DESTINE A UNE UTILISATION EN IMMERSION**
[72] YAO, RICHARD JIN, US
[72] FOWLER, ROBERT ERLING, US
[72] MARTIN, JEFF THOMAS, US
[72] STRONG, RONALD LEWIS, US
[71] DRESSER, INC., US
[22] 2018-02-22
[41] 2018-09-08
[30] US (15/452,795) 2017-03-08

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[13] A1
[51] **Int.Cl. F25B 41/00 (2006.01) F25B 5/02 (2006.01) F25B 31/00 (2006.01)**
[25] EN
[54] **INTEGRATED REFRIGERATION AND AIR CONDITIONING SYSTEM**
[54] **SYSTEME INTEGRE DE REFRIGERATION ET CONDITIONNEMENT DE L'AIR**
[72] ZHA, SHITONG, US
[72] ALI, MASOOD, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2018-02-22
[41] 2018-09-02
[30] US (15/448,210) 2017-03-02

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[13] A1
[51] **Int.Cl. F25B 41/00 (2006.01) F25B 5/02 (2006.01) F25B 31/00 (2006.01) F25B 47/02 (2006.01)**
[25] EN
[54] **HOT GAS DEFROST IN A COOLING SYSTEM**
[54] **DEGIVRAGE AU GAZ CHAUD DANS UN SYSTEME DE REFROIDISSEMENT**
[72] ZHA, SHITONG, US
[72] XI, SUN, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2018-02-22
[41] 2018-09-02
[30] US (15/448,278) 2017-03-02

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[13] A1
[51] **Int.Cl. H01M 4/90 (2006.01) H01M 8/1004 (2016.01)**
[25] EN
[54] **CATALYST INK FOR FUEL CELL, CATALYST LAYER FOR FUEL CELL, AND MEMBRANE ELECTRODE ASSEMBLY**
[54] **ENCRE CATALYTIQUE DESTINEE A UNE PILE A COMBUSTIBLE, COUCHE CATALYTIQUE DESTINEE A UNE PILE A COMBUSTIBLE ET ASSEMBLAGE D'ELECTRODE A MEMBRANE**
[72] TAKEHIRA, YUICHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-02-22
[41] 2018-09-03
[30] JP (2017-040814) 2017-03-03

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[13] A1
[51] **Int.Cl. F15B 3/00 (2006.01)**
[25] EN
[54] **DOUBLE ACTING HYDRAULIC PRESSURE INTENSIFIER**
[54] **DISPOSITIF D'INTENSIFICATION DE PRESSION HYDRAULIQUE A DOUBLE ACTION**
[72] TYCHSEN, TOM, DK
[72] CLAUSEN, JORGEN M., DK
[72] HANUSOVSKY, JURAJ, SK
[71] PISTONPOWER APS, DK
[22] 2018-02-22
[41] 2018-09-03
[30] EP (17159047.4) 2017-03-03

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[13] A1
[51] **Int.Cl. F15B 3/00 (2006.01)**
[25] EN
[54] **PRESSURE AMPLIFIER**
[54] **AMPLIFICATEUR DE PRESSION**
[72] TYCHSEN, TOM, DK
[72] CLAUSEN, JORGEN M., DK
[72] VOKEL, LUBOS, SK
[71] PISTONPOWER APS, DK
[22] 2018-02-22
[41] 2018-09-03
[30] EP (17159044.1) 2017-03-03

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[13] A1
[51] **Int.Cl. F15B 3/00 (2006.01)**
[25] EN
[54] **PRESSURE AMPLIFIER**
[54] **AMPLIFICATEUR DE PRESSION**
[72] ZAVADINKA, PETER, DK
[72] CLAUSEN, JORGEN M., DK
[72] KRISSAK, PETER, DK
[71] PISTONPOWER APS, DK
[22] 2018-02-22
[41] 2018-09-03
[30] EP (17159045.8) 2017-03-03

[21] **2,996,161**
[13] A1
[51] **Int.Cl. F15B 3/00 (2006.01) F04B 9/113 (2006.01)**
[25] EN
[54] **HYDRAULIC PRESSURE INTESIFIER**
[54] **DISPOSITIF D'INTENSIFICATION DE PRESSION HYDRAULIQUE**
[72] TYCHSEN, TOM, DK
[72] CLAUSEN, JORGEN M., DK
[72] TODSEN,JORGEN P., DK
[71] PISTONPOWER APS, DK
[22] 2018-02-22
[41] 2018-09-03
[30] EP (17159046.6) 2017-03-03

[21] **2,996,212**
[13] A1
[51] **Int.Cl. B60R 9/042 (2006.01) B60R 9/048 (2006.01)**
[25] EN
[54] **REAR LOADING, DROP DOWN LADDER RACK SYSTEM & METHOD OF USE**
[54] **SYSTEME DE SUPPORT D'ECHELLE DESCENDANTE A CHARGEMENT ARRIERE ET METHODE D'UTILISATION**
[72] LIVINGSTON, NOLIN MILLER, US
[72] GETTEL, MICHAEL DUANE, US
[72] DANKOW, MARK, US
[72] RICHTER, THOMAS, US
[71] ADRIAN STEEL COMPANY, US
[22] 2018-02-23
[41] 2018-09-07
[30] US (62/467,851) 2017-03-07
[30] US (15/884,744) 2018-01-31

[21] **2,996,230**
[13] A1
[51] **Int.Cl. A61M 16/00 (2006.01) H04W 4/38 (2018.01) G01F 1/20 (2006.01)**
[25] FR
[54] **MEDICAL TREATMENT DEVICE WITH FLOWMETER WITH FLUIDIC OSCILLATION AND LONG-DISTANCE COMMUNICATIONS MODULE**
[54] **APPAREIL DE TRAITEMENT MEDICAL A DEBITMETRE A OSCILLATION FLUIDIQUE ET MODULE DE COMMUNICATION LONGUE DISTANCE**
[72] DUDRET, STEPHANE, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[22] 2018-02-22
[41] 2018-09-03
[30] FR (17 51 739) 2017-03-03

[21] **2,996,338**
[13] A1
[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/88 (2006.01) A61L 24/06 (2006.01)**
[25] EN
[54] **TWO-PART STORAGE AND MIXING DEVICE FOR THE PRODUCTION OF A BONE CEMENT, AND PERTINENT METHOD**
[54] **RANGEMENT EN DEUX PARTIES ET DISPOSITIF DE MELANGE DESTINE A LA PRODUCTION D'UN CIMENT ORTHOPEDIQUE, ET METHODE PERTINENTE**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[71] HERAEUS MEDICAL GMBH, DE
[22] 2018-02-23
[41] 2018-09-08
[30] DE (10 2017 104 854.5) 2017-03-08

[21] 2,996,357
[13] A1
[51] **Int.Cl. G03G 9/093 (2006.01)**
[25] EN
[54] **COLD PRESSURE FIX TONER COMPOSITIONS AND PROCESSES**
[54] **COMPOSITIONS D'ENCRE SECHE FIXEE PAR PRESSION A FROID ET PROCEDES**
[72] WANG, YULIN, CA
[72] SACRIPANTE, GUERINO G., CA
[72] VEREGIN, RICHARD P N, CA
[72] ZWARTZ, EDWARD G., CA
[72] BROCKMAN, KATHRYNE S., CA
[71] XEROX CORPORATION, US
[22] 2018-02-26
[41] 2018-09-03
[30] US (15/449263) 2017-03-03

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[13] A1
[51] **Int.Cl. A23L 7/10 (2016.01) A23L 5/30 (2016.01) A21D 13/00 (2017.01) A23B 9/02 (2006.01) A23B 9/08 (2006.01) A23B 9/16 (2006.01) B02B 1/02 (2006.01) B02C 9/00 (2006.01) A21D 6/00 (2006.01)**
[25] EN
[54] **THERMALLY INHIBITED GRAIN**
[54] **GRAIN INHIBE THERMIQUEMENT**
[72] JIANG, HONGXIN, US
[72] LANE, CHRISTOPHER, US
[72] SHAH, TARAK, US
[71] CORN PRODUCTS AND DEVELOPMENT, INC., US
[22] 2018-02-26
[41] 2018-09-06
[30] US (15/451,081) 2017-03-06

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[21] 2,996,541
[13] A1
[51] **Int.Cl. G01N 21/84 (2006.01) G06T 7/80 (2017.01) G01N 21/64 (2006.01) G02B 21/36 (2006.01) G02B 27/32 (2006.01)**
[25] EN
[54] **OPTICAL DISTORTION CORRECTION FOR IMAGED SAMPLES**
[54] **CORRECTION DE DISTORSION OPTIQUE DESTINEE A DES ECHANTILLONS IMAGES**
[72] LANGLOIS, ROBERT, US
[72] BELITZ, PAUL, US
[71] ILLUMINA, INC., US
[22] 2018-02-26
[41] 2018-09-07
[30] US (62/468,347) 2017-03-07
[30] NL (N2018852) 2017-05-05

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[13] A1
[51] **Int.Cl. A61B 90/50 (2016.01) A61B 34/00 (2016.01) A61B 90/30 (2016.01) A61B 90/35 (2016.01)**
[25] EN
[54] **MEDICAL MULTI-LINK BOOM**
[54] **MAT MULTILIEN MEDICAL**
[72] REAVILL, JAMES DULIN, US
[72] TIMOSZYK, WOJCIECH KAZIMIERZ, US
[72] LEE, CASEY, US
[72] CHASE, DAVID P., US
[72] ALEXANDERSON, JAMES K., US
[72] JACQUES, WILLIAM LOWELL, II, US
[72] HALCOM, LANCER DRAKE, US
[71] STRYKER CORPORATION, US
[22] 2018-02-26
[41] 2018-09-07
[30] US (62/467,893) 2017-03-07

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[13] A1
[51] **Int.Cl. G06F 8/41 (2018.01) G06F 9/44 (2018.01)**
[25] EN
[54] **SECURE JUST-IN-TIME (JIT) CODE GENERATION**
[54] **GENERATION SECURISEE DE CODE JUSTE A TEMPS**
[72] YAVO, UDI, IL
[71] ENSILO LTD., IL
[22] 2018-02-28
[41] 2018-09-05
[30] US (15/449,965) 2017-03-05

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[21] 2,996,752
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **MAIZE INBRED PH2STM**
[54] **MAIS ENDOGAME PH2STM**
[72] JINES, MICHAEL PHILLIP, US
[72] STIRLING, LEAH VIESSELMANN, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-02-28
[41] 2018-09-02
[30] US (15/447,246) 2017-03-02

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[21] 2,996,755
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **MAIZE INBRED PH2TB0**
[54] **MAIS ENDOGAME PH2TB0**
[72] CARRIGAN, LORI LISA, US
[72] YU, JIANBIN, US
[72] GARCIA, GUSTAVO MARCELO, CA
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-02-28
[41] 2018-09-02
[30] US (15/447,336) 2017-03-02

[21] **2,996,756**
[13] A1
[51] **Int.Cl. G02C 5/14 (2006.01) H01F 1/14 (2006.01)**
[25] EN
[54] **MAGNETIC ATTACHMENT MECHANISM FOR EYEWEAR**
[54] **MECANISME DE FIXATION MAGNETIQUE DESTINE A DES ARTICLES DE LUNETTERIE**
[72] THORSELL, ERIC, US
[72] CAPOZZI, MATT, US
[72] RAMIREZ, NICOLAS, US
[72] QUALLS, MICHAEL, US
[72] LAYTON, SCOTT, US
[72] NEMOTO, SEAN, US
[72] CHILSON, JAMES ANDREW, US
[71] SMITH OPTICS, INC., US
[22] 2018-02-27
[41] 2018-09-03
[30] US (15/449,616) 2017-03-03

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[21] **2,996,760**
[13] A1
[51] **Int.Cl. B62D 55/04 (2006.01) B62D 55/07 (2006.01) B62D 55/104 (2006.01)**
[25] EN
[54] **SNOW VEHICLE**
[54] **VEHICULE DE NEIGE**
[72] MANGUM, ALLEN M., US
[72] TELFORD, CODY L., US
[72] YORK, JUSTIN R., US
[72] DRIGGARS, PHILLIP M., US
[71] POLARIS INDUSTRIES INC., US
[22] 2018-02-27
[41] 2018-09-03
[30] US (15/449467) 2017-03-03

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[21] **2,996,773**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **MAIZE HYBRID X08K186**
[54] **MAIS HYBRIDE X08K186**
[72] JINES, MICHAEL PHILLIP, US
[72] STIRLING, LEAH VIESSELMANN, US
[72] WHITAKER, DAVID WALTER, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-02-28
[41] 2018-09-02
[30] US (15/447,454) 2017-03-02

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[21] **2,996,774**
[13] A1
[51] **Int.Cl. B66F 17/00 (2006.01) B66F 7/28 (2006.01) B66F 11/04 (2006.01) E04G 1/15 (2006.01) E04G 1/22 (2006.01) F16P 3/14 (2006.01)**
[25] EN
[54] **OBSTACLE DETECTION SYSTEM FOR AN AERIAL WORK PLATFORM**
[54] **SYSTEME DE DETECTION D'OBSTACLE DESTINE A UNE PLATEFORME DE TRAVAIL AERIENNE**
[72] MOHLMAN, BRIAN K., US
[72] GILBRIDE, MATTHEW L., US
[72] LOMBARDO, DAVID W., US
[72] PUSZKIEWICZ, IGNACY, US
[71] JLG INDUSTRIES, INC., US
[22] 2018-02-28
[41] 2018-09-03
[30] US (62/466,501) 2017-03-03
[30] US (15/904,682) 2018-02-26

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/46 (2018.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **MAIZE HYBRID X95K918**
[54] **MAIS HYBRIDE X95K918**
[72] ARBELBIDE, MARTIN, US
[72] CARRIGAN, LORI LISA, US
[72] FABRIZIUS, MARTIN A., US
[72] GARCIA, GUSTAVO MARCELO, CA
[72] COLEMAN, TRAVIS KORRY, CA
[72] YU, JIANBIN, US
[72] SCHAEFER, CHRISTOPHER MICHAEL, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-02-28
[41] 2018-09-02
[30] US (15/447,541) 2017-03-02

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[21] **2,996,781**
[13] A1
[51] **Int.Cl. G02B 13/18 (2006.01) G02B 3/06 (2006.01) G02B 9/14 (2006.01) G02B 13/22 (2006.01) G02B 21/36 (2006.01)**
[25] EN
[54] **CONTINUOUS SPHERICAL ABERRATION CORRECTION TUBE LENS**
[54] **LENTILLE TUBULAIRE A CORRECTION D'ABERRATION SPHERIQUE CONTINUE**
[72] WATSON, DAKOTA, US
[72] PRINCE, SIMON, US
[72] NADORFF, GEORG, US
[72] VISCONTI, ANTHONY, US
[71] ILLUMINA, INC., US
[22] 2018-02-27
[41] 2018-09-08
[30] US (62/468,792) 2017-03-08
[30] NL (N2018859) 2017-05-05

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[13] A1
[51] **Int.Cl. C12M 1/34 (2006.01) C12Q 1/6869 (2018.01) G02B 3/02 (2006.01) G02B 21/06 (2006.01) G02B 21/36 (2006.01) G02B 27/09 (2006.01)**
[25] EN
[54] **LASER LINE ILLUMINATOR FOR HIGH THROUGHPUT SEQUENCING**
[54] **ILLUMINATEUR DE RAIE LASER DESTINE AU SEQUENCAGE HAUTE PRODUCTION**
[72] SUN, YINGHUA, US
[72] HONG, STANLEY S., US
[72] KRUMBUEGEL, MARCO, US
[72] NEWMAN, PETER, US
[72] PRINCE, SIMON, US
[72] WATSON, DAKOTA, US
[72] FENG, WENYI, US
[72] CARSON, ANDREW JAMES, US
[72] ERIE, FREDERICK, US
[71] ILLUMINA, INC, US
[22] 2018-02-27
[41] 2018-09-08
[30] US (62/468,883) 2017-03-08
[30] NL (N2018855) 2017-05-05

[21] **2,996,791**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **MAIZE HYBRID X75K308**
[54] **MAIS HYBRIDE X75K308**
[72] HENDRICKX, LEONARDUS JOHANNES MARIA, CA
[72] KING, STEVEN PAUL, CA
[72] MONTPETIT, JEAN-MARC, CA
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-02-28
[41] 2018-09-02
[30] US (15/447,569) 2017-03-02

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[21] **2,996,793**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **MAIZE INBRED PH2G5Z**
[54] **MAIS ENDOGAME PH2G5Z**
[72] COLEMAN, TRAVIS KORRY, CA
[72] GARCIA, GUSTAVO MARCELO, CA
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-02-28
[41] 2018-09-02
[30] US (15/447,212) 2017-03-02

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[21] **2,996,809**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **MAIZE INBRED PH2T7V**
[54] **MAIS ENDOGAME PH2T7V**
[72] GROTE, EDWIN MICHAEL, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-02-28
[41] 2018-09-02
[30] US (15/447,221) 2017-03-02

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[21] **2,996,826**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **MAIZE INBRED PH2TRS**
[54] **MAIS ENDOGAME PH2TRS**
[72] MONTPETIT, JEAN-MARC, CA
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-02-28
[41] 2018-09-02
[30] US (15/447,190) 2017-03-02

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[21] **2,996,834**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **MAIZE HYBRID X90K678**
[54] **MAIS HYBRIDE X90K678**
[72] ARBELBIDE, MARTIN, US
[72] COLEMAN, TRAVIS KORRY, CA
[72] FABRIZIUS, MARTIN A., US
[72] SCHAEFER, CHRISTOPHER MICHAEL, US
[72] WALCH, MATTHEW DAVID, US
[72] GARCIA, GUSTAVO MARCELO, CA
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-02-28
[41] 2018-09-02
[30] US (15/447,550) 2017-03-02

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[21] **2,996,836**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **MAIZE INBRED PH2TNK**
[54] **MAIS ENDOGAME PH2TNK**
[72] COLEMAN, TRAVIS KORRY, CA
[72] GARCIA, GUSTAVO MARCELO, CA
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-02-28
[41] 2018-09-02
[30] US (15/447,331) 2017-03-02

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[21] **2,996,890**
[13] A1
[51] **Int.Cl. E21B 3/02 (2006.01) F16H 3/097 (2006.01)**
[25] EN
[54] **DUAL TORQUE TRANSFER FOR TOP DRIVE SYSTEM**
[54] **TRANSFERT DE COUPLE DOUBLE DESTINE A UN SYSTEME D'ENTRAINEMENT SUPERIEUR**
[72] AMEZAGA, FEDERICO, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2018-02-28
[41] 2018-09-02
[30] US (15/447,881) 2017-03-02

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[13] A1
[51] **Int.Cl. E21B 17/03 (2006.01) E21B 17/02 (2006.01) E21B 3/02 (2006.01)**
[25] EN
[54] **COMBINED MULTI-COUPLER WITH ROTATING FIXATIONS FOR TOP DRIVE**
[54] **MULTI RACCORD COMBINE A DES FIXATIONS ROTATIVES DESTINE A UN ENTRAINEMENT SUPERIEUR**
[72] SCHOKNECHT, CHRISTIAN, DE
[72] THEESEN, FOLKE, DE
[72] BRENT, JEFFREY GORDON, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2018-02-28
[41] 2018-09-02
[30] US (15/447,926) 2017-03-02

[21] **2,996,899**
[13] A1
[51] **Int.Cl. E21B 17/03 (2006.01) E21B 3/02 (2006.01) E21B 17/02 (2006.01)**
[25] EN
[54] **TOOL COUPLER WITH SLIDING COUPLING MEMBERS FOR TOP DRIVE**
[54] **DISPOSITIF DE RACCORD DOTE D'ELEMENTS DE RACCORD COULISSANTS DESTINE A UN ENTRAINEMENT SUPERIEUR**
[72] VEIT, THOMAS, DE
[72] WOOD, KEVIN, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2018-02-28
[41] 2018-09-02
[30] US (15/448,297) 2017-03-02

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[13] A1
[51] **Int.Cl. G05B 23/02 (2006.01) H04B 17/318 (2015.01) H04W 4/50 (2018.01) G05B 19/042 (2006.01) G08B 29/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENROLLING ELECTRONIC DEVICES IN A CONNECTED HOME MONITORING/SECURITY SYSTEM**
[54] **METHODE ET APPAREIL D'ENGAGEMENT DE DISPOSITIFS ELECTRONIQUES DANS UN SYSTEME DE SURVEILLANCE/SECURITE DOMESTIQUE CONNECTE**
[72] HUA, WEIFENG, US
[72] SUN, BO, US
[72] LI, GEORGE, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-02-28
[41] 2018-09-07
[30] US (15/452,359) 2017-03-07

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[21] **2,996,933**
[13] A1
[51] **Int.Cl. B65D 83/08 (2006.01) A47K 10/20 (2006.01)**
[25] EN
[54] **OUT INDICATOR SHEETS**
[54] **FEUILLES D'INDICATION DE SORTIE**
[72] FELIX, JARED S., US
[72] BURR, WILLIAM G., US
[71] GPCP IP HOLDINGS LLC, US
[22] 2018-02-28
[41] 2018-09-08
[30] US (62/468,442) 2017-03-08
[30] US (15/897,213) 2018-02-15

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[21] **2,996,942**
[13] A1
[51] **Int.Cl. A63B 63/00 (2006.01) A63B 63/02 (2006.01) A63B 69/00 (2006.01)**
[25] EN
[54] **BREAKAWAY TRAINER**
[54] **ENTRAINEUR DE DEGAGEMENT**
[72] IWANCHUK, DENNIS M., CA
[71] IWANCHUK, DENNIS M., CA
[22] 2018-03-01
[41] 2018-09-05
[30] US (64/467,199) 2017-03-05

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[21] **2,996,952**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **MAIZE HYBRID X70K903**
[54] **MAIS HYBRIDE X70K903**
[72] DESBONS, PIERRE J., FR
[72] HENDRICKX, LEONARDUS JOHANNES MARIA, CA
[72] KING, STEVEN PAUL, CA
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-03-01
[41] 2018-09-02
[30] US (15/447,578) 2017-03-02

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[21] **2,996,956**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **MAIZE INBRED PHCBM**
[54] **MAIS ENDOGAME PHCBM**
[72] DESBONS, PIERRE J., FR
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2018-03-01
[41] 2018-09-02
[30] US (15/447,187) 2017-03-02

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[21] **2,996,960**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM FOR AGGREGATION AND PRIORITIZATION OF IT ASSET FIELD VALUES FROM REAL-TIME EVENT LOGS AND METHOD THEREOF**
[54] **SYSTEME D'AGREGATION ET DE PRIORISATION DES VALEURS D'ACTIF DE TI A PARTIR DE JOURNAUX D'EVENEMENT EN TEMPS RESL ET METHODE ASSOCIEE**
[72] JOHNSON, PAUL RICHARD, CA
[71] DISCOVERED INTELLIGENCE INC., CA
[22] 2018-03-01
[41] 2018-09-02
[30] US (62466049) 2017-03-02

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[13] A1
[51] **Int.Cl. G09F 9/30 (2006.01) G02B 3/08 (2006.01) G02B 5/18 (2006.01) G09G 5/37 (2006.01)**
[25] EN
[54] **VISION CORRECTION SYSTEM AND METHOD, AND LIGHT FIELD DISPLAY AND BARRIER THEREFOR**
[54] **SYSTEME ET METHODE DE CORRECTION DE LA VISION, ET AFFICHEUR ET BARRIERE DE CHAMP LUMINEUX ASSOCIES**
[72] VERTEGAAL, ROEL, CA
[72] HANEWICH-HOLLATZ, ANDREAS, CA
[72] GOTSCH, DANIEL, CA
[71] EVOLUTION OPTIKS LIMITED, BB
[22] 2018-03-01
[41] 2018-09-03
[30] CA (2,959,820) 2017-03-03

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[13] A1
[51] **Int.Cl. H05K 7/02 (2006.01) G07F 7/08 (2006.01) H05K 5/03 (2006.01)**
[25] EN
[54] **SUPPORT DEVICE FOR PAYMENT TERMINAL**
[54] **DISPOSITIF DE SUPPORT DESTINE A UN TERMINAL DE PAIEMENT**
[72] ROUX, JULIEN, FR
[72] ROBERT, FRANCK, FR
[72] DEDIEU, PHILIPPE, FR
[71] INGENICO GROUP, FR
[22] 2018-02-28
[41] 2018-09-02
[30] FR (1751720) 2017-03-02

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[13] A1
[51] **Int.Cl. E05G 1/00 (2006.01) A45C 1/00 (2006.01) A45C 15/00 (2006.01) E05B 73/00 (2006.01)**
[25] EN
[54] **PORTABLE HIDDEN SAFE**
[54] **COFFRE-FORT CACHE PORTATIF**
[72] GIBSON, DARYL THOMAS, CA
[71] GIBSON, DARYL THOMAS, CA
[22] 2018-03-01
[41] 2018-09-03
[30] US (62/466,457) 2017-03-03

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[13] A1
[51] **Int.Cl. F16L 3/223 (2006.01) F24F 1/60 (2011.01) F16M 11/00 (2006.01)**
[25] EN
[54] **ROOFTOP SUPPORT SYSTEM**
[54] **SYSTEME DE SUPPORT DE DESSUS DE TOIT**
[72] WRIGHT, THOMAS D., US
[72] HENRY, JEFFREY R., US
[71] ZSI-FOSTER, INC., US
[22] 2018-03-02
[41] 2018-09-03
[30] US (15/449,062) 2017-03-03

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[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01)**
[25] EN
[54] **METADATA-DRIVEN DATA MANAGEMENT PLATFORM**
[54] **PLATEFORME DE GESTION DE DONNEES ENTRAINEE PAR DES METADONNEES**
[72] SCHOUERI, BADIH, CA
[72] GORSHTEIN, GREGORY, CA
[72] YU, HERMAN, CA
[71] NEXT PATHWAY INC., CA
[22] 2018-03-01
[41] 2018-09-03
[30] US (62/466731) 2017-03-03

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[13] A1
[51] **Int.Cl. B64C 19/00 (2006.01) B64C 39/02 (2006.01) G08G 5/06 (2006.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR GESTURE-CONTROLLED UNMANNED AERIAL VEHICLES**
[54] **APPAREILS ET METHODES DESTINES A DES VEHICULES AERIENS SANS PILOTE CONTROLES PAR DES GESTES**
[72] TAYLOR, ROBERT C., US
[72] HIGH, DONALD R., US
[72] THOMPSON, JOHN P., US
[71] WALMART APOLLO, LLC, US
[22] 2018-03-01
[41] 2018-09-06
[30] US (62/467,694) 2017-03-06

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[51] **Int.Cl. G02C 7/04 (2006.01) G02C 7/16 (2006.01) G02F 1/13 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR ELECTROACTIVE VARIABLE APERTURE LENSES**
[54] **METHODES ET APPAREIL DESTINES A DES LENTILLES ELECTROACTIVES A OUVERTURE VARIABLE**
[72] PUGH, RANDALL B., US
[72] FLITSCH, FREDERICK A., US
[72] PANDOJIRAO, PRAVEEN, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2018-03-01
[41] 2018-09-03
[30] US (62/466,464) 2017-03-03
[30] US (15/876,337) 2018-01-22

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[13] A1
[51] **Int.Cl. H04W 76/14 (2018.01) H02J 50/00 (2016.01) H04W 4/38 (2018.01) A61B 5/00 (2006.01) A61B 5/042 (2006.01) H02J 7/02 (2016.01)**
[25] EN
[54] **REMOTE CONTROL AND INTERACTION WITH IMPLANTED DEVICES**
[54] **TELECOMMANDE ET INTERACTION AVEC DES DISPOSITIFS IMPLANTES**
[72] GOVARI, ASSAF, IL
[72] EPHRATH, YARON, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-03-01
[41] 2018-09-02
[30] US (15/447,449) 2017-03-02

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[13] A1
[51] **Int.Cl. B65B 23/06 (2006.01) B65B 23/02 (2006.01) B65G 47/90 (2006.01)**
[25] EN
[54] **EGG TRAY STACKING MACHINE**
[54] **MACHINE D'EMPILEMENT DE BOITES D'OEUFS**
[72] WENGER, DEAN A., US
[72] METZLER, DARWIN H., US
[71] WENGER, DEAN A., US
[71] METZLER, DARWIN H., US
[22] 2018-03-02
[41] 2018-09-04
[30] US (62600940) 2017-03-04

[21] **2,997,122**
[13] A1
[51] **Int.Cl. B67D 7/52 (2010.01) B67D 7/08 (2010.01) B67D 7/14 (2010.01) B60K 15/04 (2006.01)**
[25] EN
[54] **DELIVERY VALVE**
[54] **ROBINET DE DISTRIBUTION**
[72] KUNTER, STEFAN, DE
[72] MEYER, HEINZ-ULRICH, DE
[71] ELAFLEX HIBY TANKTECHNIK GMBH & CO. KG, DE
[22] 2018-03-02
[41] 2018-09-03
[30] EP (17159180.3) 2017-03-03

[21] **2,997,128**
[13] A1
[51] **Int.Cl. B65H 75/42 (2006.01) B63B 27/00 (2006.01) B63B 35/73 (2006.01) B63C 9/22 (2006.01)**
[25] EN
[54] **FLOATING WATER MAT REEL**
[54] **ENROULEUR DE TAPIS D'EAU FLOTTANT**
[72] BEHRENDT, DAVID DONALD, US
[71] BEHRENDT, DAVID DONALD, US
[22] 2018-03-02
[41] 2018-09-03
[30] US (62/466,577) 2017-03-03
[30] US (15/726,630) 2017-10-06

[21] **2,997,133**
[13] A1
[51] **Int.Cl. F02B 37/18 (2006.01) F01N 3/24 (2006.01) F02B 37/12 (2006.01)**
[25] EN
[54] **EXHAUST PASSAGE STRUCTURE FOR INTERNAL COMBUSTION ENGINE**
[54] **STRUCTURE DE PASSAGE D'ECHAPPEMENT DESTINE A UN MOTEUR A COMBUSTION INTERNE**
[72] KUBOTA, HIROFUMI, JP
[72] TSUNOOKA, TAKASHI, JP
[72] HOSOYA, TAKANOBU, JP
[72] MURATA, HIROKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-03-01
[41] 2018-09-03
[30] JP (2017-040428) 2017-03-03

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[13] A1
[51] **Int.Cl. A47C 4/28 (2006.01) A47C 1/14 (2006.01) A47C 4/42 (2006.01)**
[25] EN
[54] **FOLDING X-FRAME CHAIR WITH EXTENDED BACKREST**
[54] **CHAISE PLIANTE A STRUCTURE EN X DOTEE D'UN DOSSIER ETENDU**
[72] COHEN, WARREN, US
[71] RIO BRANDS, LLC, US
[22] 2018-03-02
[41] 2018-09-02
[30] US (15/447,803) 2017-03-02

[21] **2,997,152**
[13] A1
[51] **Int.Cl. B42F 13/26 (2006.01)**
[25] EN
[54] **THE CONTROL COMPONENT FOR A SINGLE DETENT BINDER**
[54] **LA COMPOSANTE DE CONTROLE DESTINEE A UNE RELIURE A CRAN SIMPLE**
[72] YIP, SAU FUNG, CN
[71] YIP, SAU FUNG, CN
[22] 2018-03-02
[41] 2018-09-03
[30] US (15/448,714) 2017-03-03

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[13] A1
[51] **Int.Cl. H04L 12/717 (2013.01) H04L 12/751 (2013.01)**
[25] EN
[54] **DEVICES AND METHODS FOR MANAGING A NETWORK COMMUNICATION CHANNEL BETWEEN AN ELECTRONIC DEVICE AND AN ENTERPRISE ENTITY**
[54] **DISPOSITIFS ET METHODES DE GESTION D'UN CANAL DE COMMUNICATION RESEAU ENTRE UN DISPOSITIF ELECTRONIQUE ET UNE ENTITE D'ENTREPRISE**
[72] QUINLAN, SEAN M., US
[72] SOMANI, HANIFF, US
[72] MAURYA, SANJIV, US
[71] BLACKBERRY LIMITED, CA
[22] 2018-03-02
[41] 2018-09-03
[30] US (15/448,668) 2017-03-03

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[13] A1
[51] **Int.Cl. B66B 9/193 (2006.01) B61B 7/00 (2006.01) B66B 9/06 (2006.01) B66B 19/00 (2006.01) B66C 21/08 (2006.01) E21F 13/04 (2006.01)**
[25] EN
[54] **AERIAL ROPE HOIST SYSTEM SUITABLE FOR AN OPEN PIT MINE**
[54] **SYSTEME DE TREUIL AERIEN A CORDE CONVENANT A UNE MINE A CIEL OUVERT**
[72] FONG, BENJAMIN M., CA
[72] TRACHSEL, CLIFFORD J., CA
[71] TIMBERLAND EQUIPMENT LIMITED, CA
[22] 2018-03-02
[41] 2018-09-08
[30] US (15/453242) 2017-03-08

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[13] A1
[51] **Int.Cl. C10G 47/02 (2006.01) C10G 75/00 (2006.01)**
[25] EN
[54] **UPGRADED EBULLATED BED REACTOR WITH LESS FOULING SEDIMENT**
[54] **REACTEUR A LIT BOUILLONNANT AMELIORE PRESENTANT UNE MOINDRE QUANTITE DE SEDIMENTS ENCRASSES**
[72] MOUTAINLAND, DAVID M., US
[72] SILVERMAN, BRETT M., US
[72] RUETER, MICHAEL A., US
[72] SMITH, LEE, US
[71] HYDROCARBON TECHNOLOGY & INNOVATION, LLC, US
[22] 2018-03-01
[41] 2018-09-02
[30] US (62/466,011) 2017-03-02

[21] **2,997,243**
[13] A1
[51] **Int.Cl. B65F 3/02 (2006.01)**
[25] EN
[54] **BIN TIPPER FOR LIFTING A COLLECTION BIN AND DEPOSITING MATERIAL CONTAINED IN THE COLLECTION BIN**
[54] **CULBUTEUR DE BAC SERVANT A LEVER UN BAC DE COLLECTE ET DEPOSER LA MATIERE CONTENUE DANS LE BAC DE COLLECTE**
[72] VASILESCU, CONSTANTIN, CA
[72] HACHKOWSKI, PAUL, CA
[71] SHRED-TECH CORPORATION, CA
[22] 2018-03-02
[41] 2018-09-03
[30] US (62/466,786) 2017-03-03
[30] US (62/609,988) 2017-12-22

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[13] A1
[51] **Int.Cl. H04L 12/803 (2013.01) H04W 28/08 (2009.01) H04W 80/06 (2009.01) H04B 7/185 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **HYBRID DATA TRANSPORT SOLUTION, IN PARTICULAR FOR SATELLITE LINKS**
[54] **SOLUTION DE TRANSPORT DE DONNEES HYBRIDES, EN PARTICULIER DESTINEE A DES LIENS SATELLITES**
[72] ARNAL, FABRICE, FR
[72] BAUDOIN, CEDRIC, FR
[71] THALES, FR
[22] 2018-03-02
[41] 2018-09-02
[30] FR (1700204) 2017-03-02

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[13] A1
[51] **Int.Cl. A01K 5/00 (2006.01) A01K 7/00 (2006.01)**
[25] EN
[54] **PIG RESCUE FEEDER AND WATERER**
[54] **DISTRIBUTEUR D'ALIMENT ET ABREUVOIR DESTINES A SAUVER DES PORCS**
[72] WINKLER, LEROY E., US
[71] HAVWIN, LLC, US
[22] 2018-03-05
[41] 2018-09-06
[30] US (62/467,497) 2017-03-06
[30] US (15/896,883) 2018-02-14

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[13] A1
[51] **Int.Cl. F16H 3/54 (2006.01) B66D 1/22 (2006.01) B66D 1/24 (2006.01) F16H 63/00 (2006.01)**
[25] EN
[54] **MOTOR ASSEMBLY FOR DRAWWORKS SYSTEMS AND METHODS**
[54] **ASSEMBLAGE MOTEUR DESTINE A DES SYSTEMES ET DES METHODES VISANT DES TREUILS DE FORAGE**
[72] CAVE, PETER WILLIAM, CA
[72] DEAGLE, JONATHAN DAVID, CA
[72] NETECKE, MICHAEL, US
[72] CABRERA, ROGELIO, US
[71] CAMERON INTERNATIONAL CORPORATION, NL
[22] 2018-03-05
[41] 2018-09-06
[30] US (15/450312) 2017-03-06

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[13] A1
[51] **Int.Cl. E04H 4/12 (2006.01) A61H 33/00 (2006.01) E04H 4/00 (2006.01)**
[25] EN
[54] **JET FOR SWIM-IN-PLACE SPA**
[54] **JET DESTINE A UN SPA-PISCINE A CONTRE-COURANT**
[72] BADITA, NICOLAE, CA
[71] HYDROPOOL INC., CA
[22] 2018-03-02
[41] 2018-09-03
[30] US (62/466,628) 2017-03-03

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[21] **2,997,279**
[13] A1
[51] **Int.Cl. B62K 15/00 (2006.01)**
[25] EN
[54] **FOLDABLE FORK FOR A BICYCLE**
[54] **FOURCHE PLIANTE DESTINEE A UNE BICYCLETTE**
[72] VODEV, VALENTIN J., AT
[71] VODEV, VALENTIN J., AT
[22] 2018-03-05
[41] 2018-09-03
[30] US (62/467,080) 2017-03-03

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[13] A1
[51] **Int.Cl. B64D 27/00 (2006.01) B64C 27/28 (2006.01) B64D 27/24 (2006.01) B64D 35/02 (2006.01)**
[25] EN
[54] **HYBRID PROPULSION DRIVE TRAIN SYSTEM FOR TILTROTOR AIRCRAFT**
[54] **SYSTEME DE TRAIN D'ENTRAINEMENT A PROPULSION HYBRIDE DESTINE A UN AERONEF A TILTROTOR**
[72] FENNY, CARLOS ALEXANDER, US
[72] WITTMAAK, JOHN ROBERT, JR., US
[72] RYAN, MIKE JOHN, US
[72] DRENNAN, JOSEPH SCOTT, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2018-03-02
[41] 2018-09-02
[30] US (62/465,934) 2017-03-02
[30] US (15/896,383) 2018-02-14

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[13] A1
[51] **Int.Cl. G02B 7/28 (2006.01) G01N 33/483 (2006.01) G02B 21/06 (2006.01) G02B 21/36 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVED FOCUS TRACKING USING A HYBRID MODE LIGHT SOURCE**
[54] **SYSTEMES ET METHODES PERMETTANT D'AMELIORER LE SUIVI DE CIBLE AU MOYEN DE SOURCE DE LUMIERE EN MODE HYBRIDE**
[72] CONDELLO, DANILO, US
[72] PRINCE, SIMON, US
[72] HARGIS, DAVID, US
[72] BENDICK, JEFFREY, US
[72] SIGEL, CHRISTOPHE, US
[71] ILLUMINA, INC., US
[22] 2018-03-02
[41] 2018-09-07
[30] US (62/468,360) 2017-03-07
[30] NL (N2018853) 2017-05-05

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[13] A1
[51] **Int.Cl. G02B 27/00 (2006.01) G01N 33/483 (2006.01) G02B 21/06 (2006.01) G02B 21/36 (2006.01) G02B 27/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVED FOCUS TRACKING USING BLOCKING STRUCTURES**
[54] **SYSTEMES ET METHODES PERMETTANT D'AMELIORER LE SUIVI DE CIBLE AU MOYEN DE STRUCTURES DE BLOCAGE**
[72] CONDELLO, DANILO, US
[72] PRINCE, SIMON, US
[72] HARGIS, DAVID, US
[72] O'SHAUHNESSY, JOHN, US
[72] BUTTERFIELD, WILLIAM, US
[72] BENDICK, JEFFREY, US
[72] NEWMAN, PETER CLARKE, US
[71] ILLUMINA, INC., US
[22] 2018-03-02
[41] 2018-09-07
[30] US (62/468,355) 2017-03-07
[30] NL (N2018854) 2017-05-05

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[13] A1
[51] **Int.Cl. E01C 23/06 (2006.01) E01C 23/10 (2006.01)**
[25] EN
[54] **PAVING MACHINE MEMBRANE DISPENSER**
[54] **DISTRIBUTEUR DE MEMBRANE DESTINE A UNE MACHINE DE PAVAGE**
[72] HARCO, PETER, CA
[71] PAVEGARD PRODUCTS INC., CA
[22] 2018-03-05
[41] 2018-09-03
[30] US (62/466,883) 2017-03-03

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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/20 (2006.01) E21B 43/30 (2006.01)**
[25] EN
[54] **APPARATUSES, SYSTEMS AND METHODS FOR HYDROCARBON MATERIAL FROM A SUBTERRANEAN FORMATION USING A DISPLACEMENT PROCESS**
[54] **APPAREILS, SYSTEMES ET METHODES DESTINES A DES MATIERES D'HYDROCARBURE PROVENANT D'UNE FORMATION SOUTERRAINE EMPLOYANT UN PROCEDE DE DEPLACEMENT**
[72] STROMQUIST, MARTY, CA
[72] RAVENSBERGEN, JOHN, CA
[72] LAUN, LYLE, CA
[72] JOHNSON, TIM, CA
[71] NCS MULTISTAGE INC., CA
[22] 2018-03-05
[41] 2018-09-06
[30] US (62/467,455) 2017-03-06
[30] US (62/515,708) 2017-06-06

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[13] A1
[51] **Int.Cl. E02D 7/22 (2006.01) E02D 5/56 (2006.01)**
[25] EN
[54] **ARTICULATING SYSTEM FOR DRIVING HELICAL PIERS AND ANCHORS**
[54] **SYSTEME D'ARTICULATION SERVANT A ENTRAINER DES PIEUX ET DES ANCRAGES HELICOIDAUX**
[72] GILLIBRAND, CHRISTOPHER P., US
[71] PRO-DIG GI, LLC, US
[22] 2018-03-02
[41] 2018-09-05
[30] US (62/467179) 2017-03-05
[30] US (15/909,443) 2018-03-01

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[13] A1
[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **WEDGE COUPLER LUG BRACKETS FOR COUPLING IMPLEMENTS TO EXCAVATION MACHINES**
[54] **SUPPORTS D'ERGOT DE RACCORD DE COIN SERVANT A RACCORDER DES ACCESSOIRES AUX MACHINES D'EXCAVATION**
[72] BROWN, JAMES K., CA
[72] MCINTOSH, MICHAEL, CA
[72] WAUGH, MARK R., CA
[72] CRAIG, BENJAMIN J., CA
[71] CRAIG MANUFACTURING LTD., CA
[22] 2018-03-05
[41] 2018-09-06
[30] CA (2959934) 2017-03-06

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[51] **Int.Cl. H01R 31/06 (2006.01) H01R 12/71 (2011.01) G07C 5/00 (2006.01) G01M 17/00 (2006.01)**
[25] EN
[54] **ELECTRONIC LOGGING DEVICE**
[54] **DISPOSITIF D'OUVERTURE DE SESSION ELECTRONIQUE**
[72] LIGHTNER, BRUCE D., US
[72] KUPHAL, MICHAEL K., US
[71] J. J. KELLER & ASSOCIATES, INC., US
[22] 2018-03-05
[41] 2018-09-06
[30] US (15/450,145) 2017-03-06

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[13] A1
[51] **Int.Cl. G02B 1/02 (2006.01) G02B 17/00 (2006.01) C04B 35/00 (2006.01) C09K 11/02 (2006.01)**
[25] EN
[54] **OPTICAL COMPONENT AND METHOD OF MANUFACTURING SAME**
[54] **COMPOSANTE OPTIQUE ET METHODE DE FABRICATION ASSOCIEE**
[72] NOGUCHI, TERUHIKO, JP
[72] AKITA, TOSHIO, JP
[72] KOTANI, YASUHISA, JP
[71] NICHIA CORPORATION, JP
[22] 2018-03-05
[41] 2018-09-03
[30] JP (2017-040495) 2017-03-03
[30] JP (2017-125738) 2017-06-28
[30] JP (2017-204385) 2017-10-23

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[13] A1
[51] **Int.Cl. E06B 9/42 (2006.01)**
[25] EN
[54] **MOUNTING ELEMENT FOR MOUNTING AN ARCHITECTURAL COVERING BETWEEN OPPOSING MOUNTING SURFACES**
[54] **ELEMENT DE MONTAGE SERVANT A INSTALLER UN REVETEMENT ARCHITECTURAL ENTRE DES SURFACES D'INSTALLATION OPPOSEES**
[72] BOHLEN, J., ZZ
[72] VANGBERG-BRINKMANN, K., ZZ
[71] HUNTER DOUGLAS INDUSTRIES B.V., NL
[22] 2018-03-05
[41] 2018-09-06
[30] EP (17159407.0) 2017-03-06
[30] EP (17199900.6) 2017-11-03
[30] EP (18158025.9) 2018-02-22

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[13] A1
[51] **Int.Cl. E06B 1/32 (2006.01) E06B 1/30 (2006.01) E06B 1/52 (2006.01)**
[25] EN
[54] **DOOR ASSEMBLY**
[54] **DISPOSITIF DE PORTE**
[72] MACDONALD, KEVIN, US
[72] JASKIEWICZ, TOM, US
[72] JOHNSON, ERIC, US
[71] ENDURA PRODUCTS, INC., US
[22] 2018-03-05
[41] 2018-09-03
[30] US (62/466,584) 2017-03-03

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[13] A1
[51] **Int.Cl. E21B 15/00 (2006.01)**
[25] EN
[54] **MASTED DRILL RIG WITH SYSTEM FOR APPLYING PUSH AND/OR PULL FORCE TO A TOOL**
[54] **INSTALLATION DE FORAGE A MAT DOTEE D'UN SYSTEME PERMETTANT D'EXERCER UNE FORCE DE POUSSEE OU DE TRACTION SUR UN OUTIL**
[72] GILLIBRAND, CHRISTOPHER P., US
[72] PIERSON, GREGORY K., US
[72] MEJIA, NICHOLAS A., US
[71] PRO-DIG GI, LLC, US
[22] 2018-03-02
[41] 2018-09-03
[30] US (62/466,810) 2017-03-03
[30] US (15/909,443) 2018-03-01

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[21] 2,997,431
[13] A1
[51] **Int.Cl. B65B 25/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR BAGGING CANNULATE OBJECTS SUCH AS CARROTS**
[54] **SYSTEMES ET METHODES D'ENSACHAGE D'OBJETS ALLONGES, COMME DES CAROTTES**
[72] HULLEMAN, KENNETH, CA
[72] TROTTIER, DENIS, CA
[72] KOWALCZUK, WOJCIECH, CA
[71] JOHNSEN MACHINE COMPANY LIMITED, CA
[22] 2018-03-06
[41] 2018-09-07
[30] US (62/468,268) 2017-03-07

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[21] 2,997,447
[13] A1
[51] **Int.Cl. F16D 3/12 (2006.01) F16H 57/028 (2012.01) F16D 3/50 (2006.01) F16F 15/133 (2006.01)**
[25] EN
[54] **TORSIONAL VIBRATION DAMPING DEVICE**
[54] **DISPOSITIF D'AMORTISSEMENT DE VIBRATIONS TORTIONNELLES**
[72] TAKAHASHI, YUYA, JP
[72] AMANO, HIROYUKI, JP
[72] NISHIDA, HIDEYUKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-03-06
[41] 2018-09-08
[30] JP (JP 2017-044259) 2017-03-08
[30] JP (JP 2017-132217) 2017-07-05

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[13] A1
[51] **Int.Cl. A61B 5/06 (2006.01) A61B 34/20 (2016.01) A61B 5/042 (2006.01) A61B 18/04 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **LOW COST PLANAR SPRING FOR FORCE SENSOR**
[54] **RESSORT PLANAIRE ECONOMIQUE DESTINE A UN CAPTEUR DE FORCE**
[72] GOVARI, ASSAF, IL
[72] BEECKLER, CHRISTOPHER THOMAS, US
[72] ALGAWI, YEHUDA, IL
[72] SITNITSKY, ILYA, IL
[72] KEYES, JOSEPH THOMAS, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-03-06
[41] 2018-09-08
[30] US (15/452,865) 2017-03-08

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[21] **2,997,452**
[13] A1
[51] **Int.Cl. A61B 5/06 (2006.01) A61B 34/20 (2016.01) A61B 5/042 (2006.01) A61B 18/04 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **REDUCED SIZE FORCE SENSOR**
[54] **CAPTEUR DE FORCE A TAILLE REDUITE**
[72] GOVARI, ASSAF, IL
[72] BEECKLER, CHRISTOPHER THOMAS, US
[72] ALGAWI, YEHUDA, IL
[72] SITNITSKY, ILYA, IL
[72] KEYES, JOSEPH THOMAS, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-03-06
[41] 2018-09-08
[30] US (15/452,843) 2017-03-08

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[13] A1
[51] **Int.Cl. A61B 34/00 (2016.01) A61B 34/20 (2016.01) A61B 5/042 (2006.01) A61B 18/04 (2006.01)**
[25] EN
[54] **AUTOMATIC TRACKING AND ADJUSTMENT OF THE VIEW ANGLE DURING CATHETER ABLATION TREATMENT**
[54] **SUIVI AUTOMATIQUE ET AJUSTEMENT DE L'ANGLE DE VUE PENDANT UN TRAITEMENT D'ABLATION PAR CATHETER**
[72] ZIGELMAN, GIL, IL
[72] GALKIN, MAXIM, IL
[72] ZEIDAN, ZIYAD, IL
[72] YADAN, HAMUTAL RINAT, IL
[72] ALKABETZ, EHUD, IL
[72] ILAN, IDO, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-03-06
[41] 2018-09-07
[30] US (15/451,484) 2017-03-07

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[13] A1
[51] **Int.Cl. A63C 17/01 (2006.01) A63C 5/08 (2006.01) B62M 27/02 (2006.01)**
[25] EN
[54] **WEIGHT SENSING SUSPENSION TRUCK FOR ELECTRIC SKATEBOARD**
[54] **CHARIOT DE SUSPENSION DETECTANT LE POIDS DESTINE A UNE PLANCHE A ROULETTES ELECTRIQUE**
[72] LEMIRE-ELMORE, JUSTIN BRUCE, CA
[72] CAMPBELL, ROBERT JAMES, CA
[71] GRIN TECHNOLOGIES LTD., CA
[22] 2018-03-02
[41] 2018-09-02
[30] US (62/466,278) 2017-03-02

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[21] **2,997,460**
[13] A1
[51] **Int.Cl. A61B 34/10 (2016.01) A61B 5/0402 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **3-D ELECTROPHYSIOLOGY HEART SIMULATION SYSTEM AND RELATED METHODS**
[54] **SYSTEME DE SIMULATION CARDIAQUE ELECTROPHYSIOLOGIQUE 3D ET METHODES ASSOCIEES**
[72] LU, ALBERT, CN
[72] WU, GUOQIANG, CN
[72] LAI, WEIGUO, CN
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-03-06
[41] 2018-09-07
[30] US (62/468,283) 2017-03-07
[30] US (15/633,224) 2017-06-26

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[21] **2,997,475**
[13] A1
[51] **Int.Cl. A63H 33/00 (2006.01)**
[25] EN
[54] **LIKENESS BEARING HANDHELD TOUCH OBJECT**
[54] **OBJET TACTILE MANUEL DE RESSEMBLANCE**
[72] MCLACHLAN, MATTHEW, US
[72] MCLACHLAN, MARK, US
[71] MCLACHLAN, MATTHEW, US
[71] MCLACHLAN, MARK, US
[22] 2018-03-06
[41] 2018-09-06
[30] US (62/467721) 2017-03-06

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[13] A1
[51] **Int.Cl. F25B 43/02 (2006.01)**
[25] EN
[54] **OIL SEPARATOR**
[54] **SEPARATEUR D'HUILE**
[72] SUN, XI, US
[72] ZHA, SHITONG, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2018-03-06
[41] 2018-09-07
[30] US (62/468,062) 2017-03-07
[30] US (15/654,447) 2017-07-19
[30] US (15/892,943) 2018-02-09

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[21] **2,997,481**
[13] A1
[51] **Int.Cl. B60N 2/28 (2006.01)**
[25] EN
[54] **SUPPORT BASE FOR A CHILD SAFETY SEAT**
[54] **BASE DE SUPPORT DESTINEE A UN SIEGE DE SECURITE POUR ENFANT**
[72] ANDERSON, ROBERT SCOTT, US
[72] HARTENSTINE, CURTIS M., US
[72] LEHMAN, DAVID A., US
[72] BOWERS, PATRICK J. G., US
[71] WONDERLAND SWITZERLAND AG, CH
[22] 2018-03-02
[41] 2018-09-03
[30] US (62/466,500) 2017-03-03
[30] US (62/513,759) 2017-06-01
[30] US (62/547,397) 2017-08-18

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[21] **2,997,482**
[13] A1
[51] **Int.Cl. B60P 1/36 (2006.01) B60P 1/56 (2006.01)**
[25] EN
[54] **CONVEYOR SYSTEM FOR VEHICLE**
[54] **SYSTEME DE TRANSPORTEUR DESTINE A UN VEHICULE**
[72] REXIUS, ARLEN, US
[72] WERLINGER, JAY DEE, US
[72] WHITLEY, BRENT, US
[72] OESTERLING, JEREMY LEE, US
[72] LOONEY, DAVID, US
[72] COX, MATTHEW CHARLES, US
[71] CONVEYOR APPLICATION SYSTEMS LLC, US
[22] 2018-03-02
[41] 2018-09-06
[30] US (62/467,706) 2017-03-06

[21] **2,997,486**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/24 (2006.01)**
[25] EN
[54] **NEEDLE FOR INTRALIGAMENTARY ANAESTHESIA**
[54] **AIGUILLE D'ANESTHESIE INTRALIGAMENTAIRE**
[72] MUELLER, FABIAN-ALEXANDER, DE
[72] MOSER, MARKUS, DE
[72] TAUBENHEIM, LOTHAR, DE
[71] HENKE-SASS, WOLF GMBH, DE
[22] 2018-03-06
[41] 2018-09-06
[30] DE (102017104618.6) 2017-03-06

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[21] **2,997,493**
[13] A1
[51] **Int.Cl. F23L 13/04 (2006.01) F23L 3/00 (2006.01) F23M 9/02 (2006.01)**
[25] EN
[54] **METHOD OF IMPROVING FIRE TUBE BURNER EFFICIENCY BY CONTROLLING COMBUSTION AIR FLOW AND AN AIR DAMPER FOR A FIRE TUBE**
[54] **METHODE D'AMELIORATION DE L'EFFICACITE D'UN BRULEUR DE TUBE DE FUMEE EN CONTROLANT LE FLUX D'AIR DE COMBUSTION ET REGISTRE D'AIR DESTINE A UN TUBE DE FUMEE**
[72] NUK, GREG, CA
[72] LUNDSTROM, ROB, CA
[72] FAN, FRANK, CA
[72] FISHER, WILLIE, CA
[71] MILLSTREAM ENERGY PRODUCTS LTD., CA
[22] 2018-03-06
[41] 2018-09-08
[30] CA (2960508) 2017-03-08

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[21] **2,997,569**
[13] A1
[51] **Int.Cl. B64D 31/04 (2006.01) B64C 13/12 (2006.01)**
[25] EN
[54] **COLLECTIVE CONTROL STICK MOUNTED THROTTLE CONTROL ASSEMBLY**
[54] **MANCHE DE COMMANDE COLLECTIVE INSTALLE SUR UN DISPOSITIF DE COMMANDE DE REGULATEUR**
[72] LAVALLEE, YANN, CA
[72] CANNON, CAREY, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2018-03-06
[41] 2018-09-06
[30] US (62/467,797) 2017-03-06

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[21] **2,997,580**
[13] A1
[51] **Int.Cl. B01D 27/04 (2006.01) B01D 27/08 (2006.01)**
[25] EN
[54] **MEDIA PURIFICATION DEVICES HAVING INTEGRAL FLOW CONTROLLERS**
[54] **DISPOSITIFS DE PURIFICATION DE SUPPORT COMPORTANT DES CONTROLEURS DE FLUX INTEGRAUX**
[72] CAMP, ROBERT, US
[72] ADAMS, PAUL, US
[72] HUDA, STEPHEN, US
[71] UNGER MARKETING INTERNATIONAL, LLC, US
[22] 2018-03-07
[41] 2018-09-07
[30] US (62/468,167) 2017-03-07
[30] US (62/628,923) 2018-02-09

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[21] **2,997,584**
[13] A1
[51] **Int.Cl. A41D 11/00 (2006.01) A41D 1/02 (2006.01)**
[25] EN
[54] **INSULATED CHILD'S GARMENT FOR USE WITH VEHICLE CHILD SAFETY SEATS AND A METHOD FOR USING SAME**
[54] **VETEMENT D'ENFANT ISOLE DESTINE AUX SIEGES D'AUTO POUR ENFANT ET UNE METHODE D'UTILISATION ASSOCIEE**
[72] VURINARIS, KELLY, CA
[71] VURINARIS, KELLY, CA
[22] 2018-03-07
[41] 2018-09-07
[30] US (62/468,089) 2017-03-07

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[21] **2,997,586**
[13] A1
[51] **Int.Cl. A63F 7/04 (2006.01) A63F 9/06 (2006.01)**
[25] EN
[54] **ROTATING BALL-IN-A-MAZE PUZZLE GAME**
[54] **CASSE-TETE COMPORTANT UNE BALLE EN ROTATION DANS UN LABYRINTHE**
[72] ARONSON, DAN, CA
[72] SUFER, DAVIN, CA
[72] FAIRLESS, ADAM, US
[72] LEMIRE, ANTHONY, CA
[71] WOWWEE GROUP LTD., CN
[22] 2018-03-07
[41] 2018-09-08
[30] US (62/468,393) 2017-03-08
[30] US (62/638,318) 2018-03-05

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[21] **2,997,592**
[13] A1
[51] **Int.Cl. B62K 11/00 (2013.01) B62D 9/02 (2006.01) B62K 21/00 (2006.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] MITSUOKA, RYUTA, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2018-03-07
[41] 2018-09-07
[30] JP (2017-042842) 2017-03-07

[21] **2,997,594**
[13] A1
[51] **Int.Cl. B62K 5/10 (2013.01)**
[25] EN
[54] **LEANING VEHICLE**
[54] **VEHICULE INCLINE**
[72] MITSUOKA, RYUTA, JP
[72] HIRAKAWA, NOBUHIKO, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2018-03-07
[41] 2018-09-07
[30] JP (2017-042844) 2017-03-07

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[13] A1
[51] **Int.Cl. B62K 11/00 (2013.01) B62D 9/02 (2006.01) B62K 21/00 (2006.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] MITSUOKA, RYUTA, JP
[72] HIRAKAWA, NOBUHIKO, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2018-03-07
[41] 2018-09-07
[30] JP (2017-042843) 2017-03-07

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[13] A1
[51] **Int.Cl. F25B 39/02 (2006.01) F25B 47/02 (2006.01) F25D 21/06 (2006.01) F28F 9/02 (2006.01)**
[25] EN
[54] **REVERSE CYCLE DEFROST REFRIGERATION SYSTEM**
[54] **SYSTEME DE REFRIGERATION A DEGIVRAGE A CYCLE INVERSE**
[72] XU, YONGHUI, US
[72] CRANE, JACOB AARON, US
[71] KEEPRITE REFRIGERATION, INC., US
[22] 2018-03-07
[41] 2018-09-07
[30] US (62/467,916) 2017-03-07

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[21] **2,997,609**
[13] A1
[51] **Int.Cl. G08B 13/14 (2006.01) G06F 21/70 (2013.01) G08B 29/04 (2006.01)**
[25] EN
[54] **INTEGRATED, PERSISTENT SECURITY MONITORING OF ELECTRONIC MERCHANDISE**
[54] **SYSTEME DE SECURITE INTEGRE ET PERMANENT DE LA MARCHANDISE ELECTRONIQUE**
[72] PEACOCK, BRIAN, US
[72] LIFF, DALE R., US
[71] SENNCO SOLUTIONS, INC., US
[22] 2018-03-07
[41] 2018-09-07
[30] US (62/468,263) 2017-03-07

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[21] **2,997,710**
[13] A1
[51] **Int.Cl. B65D 25/28 (2006.01) B44D 3/12 (2006.01)**
[25] EN
[54] **CONTAINER, USE OF THE CONTAINER AS A TRIM PAINT PAIL, AND CORRESPONDING HANDLE ASSEMBLY**
[54] **CONTENANT, UTILISATION DU CONTENANT COMME BAC A PEINTURE DE MOULURE, ET DISPOSITIF DE POIGNEE CORRESPONDANT**
[72] ARVINTE, ROMEO, CA
[72] PANFILI, FRANCOIS, CA
[71] A. RICHARD TOOLS CO./OUTILS A. RICHARD CO., CA
[22] 2018-03-08
[41] 2018-09-08
[30] CA (2960231) 2017-03-08
[30] US (62/468,554) 2017-03-08

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[13] A1
[51] **Int.Cl. C10M 163/00 (2006.01) C10M 135/18 (2006.01) C10M 159/12 (2006.01) F01L 3/04 (2006.01) F02B 77/02 (2006.01)**
[25] EN
[54] **METHOD FOR LUBRICATING SURFACES**
[54] **METHODE DE LUBRIFICATION DES SURFACES**
[72] HARTLEY, JOSEPH PETER, GB
[72] LAINE, EMMANUEL, GB
[72] STIDDER, GREGORY, GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2018-03-07
[41] 2018-09-07
[30] EP (17159632.3) 2017-03-07

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[21] **2,997,760**
[13] A1
[51] **Int.Cl. G10L 15/07 (2013.01)**
[25] EN
[54] **VOICE ANALYSIS TRAINING SYSTEM**
[54] **SYSTEME DE FORMATION A L'ANALYSE DE LA VOIX**
[72] BROOKS, MARGARET L., US
[71] SALESBOOST, LLC, US
[22] 2018-03-07
[41] 2018-09-07
[30] US (62/468,266) 2017-03-07

[21] **2,997,777**
[13] A1
[51] **Int.Cl. G02B 21/36 (2006.01) G01N 33/483 (2006.01) G02B 3/02 (2006.01) G02B 21/06 (2006.01) G02B 27/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVED FOCUS TRACKING USING A LIGHT SOURCE CONFIGURATION**
[54] **SYSTEMES ET METHODES PERMETTANT D'AMELIORER LE SUIVI DE CIBLE AU MOYEN D'UNE CONFIGURATION DE SOURCE LUMINEUSE**
[72] CONDELLO, DANILO, US
[72] PRINCE, SIMON, US
[72] O'SHAUGHNESSY, JOHN, US
[72] SIGEL, CHRISTOPHE, US
[72] ARIANPOUR, ASHKAN, US
[71] ILLUMINA, INC., US
[22] 2018-03-07
[41] 2018-09-07
[30] US (62/468,353) 2017-03-07
[30] NL (N2018857) 2017-05-05

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[21] **2,997,818**
[13] A1
[51] **Int.Cl. F24F 11/50 (2018.01) H04B 3/03 (2006.01)**
[25] EN
[54] **HVAC SIGNALING SYSTEM AND METHOD**
[54] **SYSTEME DE SIGNALEMENT CVCA ET METHODE**
[72] USELTON, ROBERT B. "DUTCH", US
[71] LENNOX INDUSTRIES INC., US
[22] 2018-03-08
[41] 2018-09-08
[30] US (15/453,392) 2017-03-08

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[13] A1
[51] **Int.Cl. E21B 47/10 (2012.01) E21B 43/26 (2006.01) E21B 47/06 (2012.01)**
[25] EN
[54] **DETERMINING GEOMETRIES OF HYDRAULIC FRACTURES**
[54] **DETERMINATION DE LA GEOMETRIE DE FRACTURES HYDRAULIQUES**
[72] KASHIKAR, SUDHENDU, US
[72] COENEN, ERICA, US
[72] SPICER, SEAN, US
[71] REVEAL ENERGY SERVICES, INC., US
[22] 2018-03-08
[41] 2018-09-08
[30] US (62/468,847) 2017-03-08

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[21] **2,997,829**
[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **SYSTEM DEVICE AND PROCESS FOR AN EDUCATIONAL REGULATORY ELECTRONIC TOOL KIT**
[54] **SYSTEME, DISPOSITIF ET PROCEDE DESTINES A UNE TROUSSE EDUCATIVE D'OUTILS ELECTRONIQUES REGLEMENTAIRES**
[72] KEATING, JOHN MARTIN, CA
[72] SOTOMAYOR, JOEL ROBERTO, CA
[72] DIMOU, MARY K., CA
[72] KNOX, DOUGLAS F., CA
[72] MILLSON, LAURA ELIZABETH, CA
[72] HARTWIG, EMILY KATRYN, CA
[71] BIOENTERPRISE CORPORATION, CA
[22] 2018-03-07
[41] 2018-09-07
[30] US (62/468,015) 2017-03-07

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[21] **2,997,835**
[13] A1
[51] **Int.Cl. B67D 7/08 (2010.01) B67D 7/14 (2010.01) B60K 15/00 (2006.01) F02M 25/00 (2006.01)**
[25] EN
[54] **ONBOARD DELIVERY SYSTEM FOR FUEL ADDITIVE**
[54] **SYSTEME DE DISTRIBUTION EMBARQUE DESTINE AUX ADDITIFS DE CARBURANT**
[72] HARVEY, ROBERT A., CA
[71] R H FLEET SERVICES LTD., CA
[22] 2018-03-08
[41] 2018-09-06

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[13] A1
[51] **Int.Cl. G09F 7/18 (2006.01) A47B 97/00 (2006.01) A47F 13/00 (2006.01)**
[25] EN
[54] **SHELF EDGE SYSTEM**
[54] **SYSTEME DE BORDURE DE TABLETTE**
[72] TAYLOR, CURTIS, US
[72] HANSON, MATTHEW, US
[71] PROCESS4, INC., US
[22] 2018-03-08
[41] 2018-09-08
[30] US (62/468,524) 2017-03-08
[30] US (62/571,507) 2017-10-12

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[13] A1
[51] **Int.Cl. A61B 34/00 (2016.01) A61B 90/50 (2016.01) A61B 18/12 (2006.01)**
[25] EN
[54] **ELECTROSURGERY DEVICE**
[54] **DISPOSITIF ELECTROCHIRURGICAL**
[72] COHEN, DVIR, IR
[72] LEVINSON, YARON, IL
[72] NETA, YIFTAH, IL
[71] MEMIC INNOVATIVE SURGERY LTD., IL
[22] 2018-03-08
[41] 2018-09-08
[30] US (62/468,507) 2017-03-08

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[13] A1
[51] **Int.Cl. B01D 17/12 (2006.01) B01D 3/42 (2006.01) B08B 17/02 (2006.01)**
[25] EN
[54] **CONTAMINANT REMOVAL METHOD FOR FRACTIONATING COLUMNS**
[54] **METHODE D'ENLEVEMENT DE CONTAMINANT DESTINEE AUX COLONNES DE FRACTURATION**
[72] MARSHALL, DEREK B., CA
[72] MACKENZIE, STUART D., CA
[72] MACKENZIE, KELLY R., CA
[71] GAS LIQUIDS ENGINEERING, CA
[22] 2018-03-29
[41] 2018-09-04

[21] **3,006,665**
[13] A1
[51] **Int.Cl. B65G 21/12 (2006.01) B65G 41/00 (2006.01) B65G 69/00 (2006.01) B65G 69/04 (2006.01) F15B 15/14 (2006.01)**
[25] EN
[54] **TRACKED RADIAL STACKER WITH WHEELS**
[54] **EMPILEUR RADIAL SUR RAIL DOTE DE ROUES**
[72] MCCLOSKEY, JAMES PASCHAL, CA
[72] NOTTINGHAM, AL, CA
[71] MCCLOSKEY INTERNATIONAL LIMITED, CA
[22] 2018-05-29
[41] 2018-09-03
[30] US (15/985,353) 2018-05-21

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[13] A1
[51] **Int.Cl. B23P 6/00 (2006.01) B24C 3/32 (2006.01) B60S 5/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DEGLAZING ENGINE CYLINDER WALLS**
[54] **METHODE ET APPAREIL DE DEGLACAGE DE PAROIS DE CYLINDRE DE MOTEUR**
[72] ANSELL, BRAD, CA
[71] ANSELL, BRAD, CA
[22] 2018-06-05
[41] 2018-09-04
[30] US (62675847) 2018-05-24

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[21] **3,008,363**
[13] A1
[51] **Int.Cl. G01N 1/28 (2006.01) B01L 99/00 (2010.01) B01D 11/04 (2006.01) G01N 1/44 (2006.01)**
[25] EN
[54] **INSTRUMENT FOR ANALYTICAL SAMPLE PREPARATION**
[54] **INSTRUMENT DESTINE A LA PREPARATION D'ECHANTILLON D'ANALYSE**
[72] COLLINS, MICHAEL J., SR., US
[72] LAMBERT, JOSEPH J., US
[72] BEARD, MATTHEW N., US
[72] ELLIOTT, PAUL C., US
[71] CEM CORPORATION, US
[22] 2018-06-15
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[30] US (15/644938) 2017-07-10

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[51] **Int.Cl. C10G 1/04 (2006.01)**
[25] EN
[54] **BITUMEN EXTRACTION USING A PROCESS AID**
[54] **EXTRACTION DU BITUME EMPLOYANT UNE AIDE DE PROCEDE**
[72] CASTELLANOS DUARTE, DIANA Y., US
[72] CULLINANE, J. TIMOTHY, US
[72] LO CASCIO, MAURO, US
[72] GERVAIS, OLIVIER, CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[22] 2018-06-29
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[13] A1
[51] **Int.Cl. C10G 1/04 (2006.01)**
[25] EN
[54] **CO2 INJECTION INTO A BITUMEN EXTRACTION PROCESS**
[54] **INJECTION DE CO2 DANS UN PROCEDE D'EXTRACTION DE BITUME**
[72] YAZDI, ALIREZA ZEHTAB, CA
[72] LIN, CHRISTOPHER, CA
[72] RENNARD, DAVID C., CA
[72] MARR, MICHAEL A., CA
[72] SAKUHUNI, GIVEMORE, CA
[72] DUNN, JAMES A., CA
[72] ESMAEILI, PAYMAN, CA
[72] KOROLUK, DEVON C., CA
[72] CASTELLANOS DUARTE, DIANA Y., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2018-06-29
[41] 2018-09-03

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[13] A1
[51] **Int.Cl. C10G 1/04 (2006.01)**
[25] EN
[54] **BITUMEN RECOVERY FROM COARSE SAND TAILINGS**
[54] **RECUPERATION DE BITUME A PARTIR DE RESIDUS DE SABLES GROSSIERS**
[72] MIRMONTAZERI, LEYLISADAT, CA
[72] YAZDI, ALIREZA ZEHTAB, CA
[72] MARR, MICHAEL A., CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
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[25] EN
[54] **ASPHALTENE ADSORPTION IN BITUMEN FROTH TREATMENT**
[54] **ADSORPTION D'ASPHALTENE DANS LE TRAITEMENT DE MOUSSE DE BITUME**
[72] YAZDI, ALIREZA ZEHTAB, CA
[72] ESMAEILI, PAYMAN, CA
[72] DUNN, JAMES A., CA
[72] MIRMONTAZERI, LEYLISADAT, CA
[72] MOON, DAVID A., CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2018-06-29
[41] 2018-09-03

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[13] A1
[51] **Int.Cl. G01B 7/004 (2006.01) H04W 64/00 (2009.01) G01C 22/00 (2006.01)**
[25] EN
[54] **MOBILE DEVICE LOCALIZATION BASED ON SPATIAL DERIVATIVE MAGNETIC FINGERPRINT**
[54] **LOCALISATION D'APPAREIL MOBILE FONDEE SUR L'EMPREINTE MAGNETIQUE DERIVEE SPATIALEMENT**
[72] GULO, EROS, CA
[72] HUBERMAN, SEAN, CA
[71] MAPSTED CORP., CA
[22] 2018-07-03
[41] 2018-09-04
[30] US (15/827,748) 2017-11-30

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[51] **Int.Cl. G09G 5/34 (2006.01) H04W 88/02 (2009.01) G06F 3/0485 (2013.01) G06F 3/14 (2006.01) G03B 17/18 (2006.01)**
[25] EN
[54] **FRONT-FACING CAMERA AND MAXIMIZED DISPLAY SCREEN OF A MOBILE DEVICE**
[54] **CAMERA ORIENTEE VERS L'AVANT ET AFFICHAGE MAXIMISE D'APPAREIL MOBILE**
[72] PANTEL, LOTHAR, DE
[71] PANTEL, LOTHAR, DE
[22] 2018-06-29
[41] 2018-09-03
[30] GB (GB1710466.2) 2017-06-29

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[13] A1
[51] **Int.Cl. E21B 7/04 (2006.01) E21B 7/10 (2006.01)**
[25] EN
[54] **MULTIPLE ANGLE FIXED BEND ASSEMBLY**
[54] **DISPOSITIF DE COURBURE FIXE A ANGLE MULTIPLE**
[72] GURJAR, RISHI, CA
[71] WENZEL DOWNHOLE TOOLS LTD., CA
[22] 2018-06-29
[41] 2018-09-03
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Demandes PCT entrant en phase nationale

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[51] **Int.Cl. A61C 15/00 (2006.01) A46B 15/00 (2006.01) A61C 15/02 (2006.01) A61C 15/04 (2006.01)**
[25] EN
[54] **DENTAL CLEANING TOOL INCLUDING AT LEAST ONE MOVEABLE SECONDARY TOOL**
[54] **OUTIL DE NETTOYAGE DENTAIRE COMPRENANT AU MOINS UN OUTIL SECONDAIRE DEPLACABLE**
[72] TO, CHUN YUEN, CN
[71] WORLD WIDE STATIONERY, MFG. CO., LTD., CN
[85] 2017-10-26
[86] 2017-03-03 (PCT/CN2017/075574)
[87] (2983931)

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[13] A1
[51] **Int.Cl. C07F 9/50 (2006.01)**
[25] EN
[54] **AN IMPROVED PROCESS FOR THE PREPARATION OF TETROFOSMIN OR ACID ADDITION SALT THEREOF**
[54] **UN PROCEDE AMELIORE DE PREPARATION DE TETROFOSMINE OU DE SEL D'ADDITION ACIDE ASSOCIE**
[72] PRASAD, M. UMAMAHESHWAR, IN
[72] KUMAR, ANJUL, IN
[72] SINGH, SHISHUPAL, IN
[72] VIR, DHARAM, IN
[71] JUBILANT GENERICS LIMITED (FORMERLY A DIVISION OF JUBILANT LIFE SCIENCES LIMITED), IN
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[86] 2017-11-20 (PCT/IB2017/057251)
[87] (2994130)
[30] IN (201711008041) 2017-03-08

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[13] A1
[51] **Int.Cl. F23Q 2/34 (2006.01) F23Q 2/02 (2006.01) F23Q 2/42 (2006.01)**
[25] EN
[54] **CIGARETTE LIGHTER FOR SAFELY MOVING THROUGH DANGEROUS AREAS AND METHOD OF USE**
[54] **ALLUME-CIGARETTE PERMETTANT DE CIRCULER EN SECURITE DANS LES ZONES DANGEREUSES ET METHODE D'UTILISATION**
[72] CHAU, WAI KIN, US
[71] CHAU, WAI KIN, US
[85] 2018-03-19
[86] 2017-10-03 (PCT/US2017/054838)
[87] (2995692)
[30] US (62/600,958) 2017-03-06
[30] US (15/585,438) 2017-05-03

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[13] A1
[51] **Int.Cl. G01H 5/00 (2006.01)**
[25] EN
[54] **SOUND VELOCITY SENSOR FOR UNDERWATER USE AND METHOD FOR DETERMINING UNDERWATER SOUND VELOCITY**
[54] **CAPTEUR DE VITESSE DU SON POUR UTILISATION SOUS L'EAU ET PROCEDE DE DETERMINATION DE LA VITESSE DU SON SOUS L'EAU**
[72] BUELEY, CHRIS, CA
[72] OLENDER, DUSTIN, CA
[72] PAYNTER, CHRIS, CA
[72] CAMERON, KYLE, CA
[71] AML OCEANOGRAPHIC LTD., CA
[85] 2018-06-14
[86] 2017-03-02 (PCT/CA2017/050286)
[87] (3008342)

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[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) H04N 13/122 (2018.01) A61B 3/113 (2006.01) G02B 27/22 (2018.01)**
[25] EN
[54] **MULTI-DEPTH PLANE DISPLAY SYSTEM WITH REDUCED SWITCHING BETWEEN DEPTH PLANES**
[54] **SYSTEME D'AFFICHAGE A PLANS DE PROFONDEURS MULTIPLES AVEC COMMUTATION REDUITE ENTRE PLANS DE PROFONDEUR**
[72] SAMEC, NICOLE ELIZABETH, US
[72] ROBAINA, NASTASJA U., US
[72] HARRISES, CHRISTOPHER M., US
[72] BAERENRODT, MARK, US
[71] MAGIC LEAP, INC., US
[85] 2018-08-09
[86] 2017-02-10 (PCT/US2017/017505)
[87] (WO2017/139667)
[30] US (62/294,147) 2016-02-11
[30] US (62/366,533) 2016-07-25
[30] US (62/366,599) 2016-07-25
[30] US (62/396,071) 2016-09-16
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[51] **Int.Cl. A61K 38/21 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **IMPROVED INTERFERON THERAPY**
[54] **THERAPIE AMELIOREE A BASE D'INTERFERON**
[72] PARKER, NIGEL, GB
[71] FKD THERAPIES LIMITED, GB
[85] 2018-08-15
[86] 2017-02-11 (PCT/US2017/017568)
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[30] US (62/295,268) 2016-02-15

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[51] **Int.Cl. A61K 31/713 (2006.01) A61K 31/00 (2006.01) A61K 31/352 (2006.01) A61K 31/513 (2006.01) A61P 27/02 (2006.01) A61P 35/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **FFA1 (GPR40) AS A THERAPEUTIC TARGET FOR NEURAL ANGIOGENESIS DISEASES OR DISORDERS**
[54] **FFA1 (GPR40) UTILISE COMME CIBLE THERAPEUTIQUE POUR DES MALADIES OU DES TROUBLES NEURONAUX LIES A L'ANGIOGENESE**
[72] SMITH, LOIS, US
[72] JOYAL, JEAN-SEBASTIEN, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2018-08-15
[86] 2017-02-17 (PCT/US2017/018418)
[87] (WO2017/143220)
[30] US (62/296,252) 2016-02-17

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[13] A1
[51] **Int.Cl. G08B 21/24 (2006.01) G06F 19/00 (2018.01) H04B 5/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MONITORING ACTIVITY OF AN INDIVIDUAL**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE D'ACTIVITE D'UN INDIVIDU**
[72] KATZ, BARAK, IL
[71] ANTISEP - TECH LTD., IL
[85] 2018-08-20
[86] 2016-06-01 (PCT/IL2016/050562)
[87] (WO2016/193973)
[30] US (62/304,999) 2016-03-08

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[13] A1
[51] **Int.Cl. H01M 12/02 (2006.01) H01M 12/06 (2006.01) H01M 8/04119 (2016.01)**
[25] EN
[54] **WATER MANAGEMENT SYSTEM IN ELECTROCHEMICAL CELLS WITH VAPOR RETURN COMPRISING AIR ELECTRODES**
[54] **SYSTEME DE GESTION D'EAU DANS DES CELLULES ELECTROCHIMIQUES AVEC UN RETOUR DE VAPEUR COMPRENANT DES ELECTRODES A AIR**
[72] KRISHNAN, RAMKUMAR, US
[72] HAYES, JOEL, US
[72] FRIESEN, GRANT, US
[72] FINK, SHAWN, US
[71] NANTENERGY, INC., US
[85] 2018-08-22
[86] 2016-03-22 (PCT/US2016/023564)
[87] (WO2016/160418)
[30] US (62/140,257) 2015-03-30

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[51] **Int.Cl. A63H 27/10 (2006.01) B44F 1/06 (2006.01) B64B 1/40 (2006.01) G09F 13/04 (2006.01) G09F 19/00 (2006.01)**
[25] EN
[54] **BALLOON**
[54] **BALLON**
[72] HALLIBURTON, JAMES, GB
[71] SEATRIEVER INTERNATIONAL HOLDINGS LIMITED, GB
[85] 2018-08-22
[86] 2016-02-24 (PCT/GB2016/050468)
[87] (WO2016/135483)
[30] GB (1503342.6) 2015-02-27
[30] GB (1521457.0) 2015-12-04

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[13] A1
[51] **Int.Cl. A61K 31/137 (2006.01) A61P 3/04 (2006.01) A61P 25/26 (2006.01)**
[25] EN
[54] **AMPHETAMINE CONTROLLED RELEASE, PRODRUG, AND ABUSE-DETERRENT DOSAGE FORMS**
[54] **LIBERATION CONTROLEE DE L'AMPHETAMINE, PROMEDICAMENT ET FORMES POSOLOGIQUES DISSUASIVES DU MESUSAGE**
[72] POPP, KARL, US
[72] MECKLER, HAROLD, US
[71] CHEMAPOTHECA, LLC, US
[85] 2018-08-22
[86] 2017-02-24 (PCT/US2017/019285)
[87] (WO2017/147375)
[30] US (62/299,108) 2016-02-24

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[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01) G06T 19/00 (2011.01) G06F 3/0481 (2013.01) G06F 3/0484 (2013.01)**
[25] EN
[54] **SPATIAL RELATIONSHIPS FOR INTEGRATION OF VISUAL IMAGES OF PHYSICAL ENVIRONMENT INTO VIRTUAL REALITY**
[54] **RELATIONS SPATIALES POUR L'INTEGRATION D'IMAGES VISUELLES D'UN ENVIRONNEMENT PHYSIQUE DANS UNE REALITE VIRTUELLE**
[72] HILDRETH, EVAN ROBERT, US
[72] MACDOUGALL, FRANCIS BERNARD, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-08-22
[86] 2017-01-23 (PCT/US2017/014554)
[87] (WO2017/164971)
[30] US (15/080,363) 2016-03-24

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[51] **Int.Cl. E21B 43/11 (2006.01) E21B 34/00 (2006.01) E21B 34/06 (2006.01) E21B 34/08 (2006.01) E21B 43/12 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **DEGRADABLE MATERIAL TIME DELAY SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TEMPORISATION AVEC MATERIAU DEGRADABLE**
[72] HARDESTY, JOHN T., US
[71] GEODYNAMICS, INC., US
[85] 2018-08-22
[86] 2017-01-23 (PCT/US2017/014622)
[87] (WO2017/146850)
[30] US (15/053,417) 2016-02-25
[30] US (15/053,534) 2016-02-25
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[13] A1
[51] **Int.Cl. G06T 3/40 (2006.01)**
[25] EN
[54] **GEOMETRIC WORK SCHEDULING WITH DYNAMIC AND PROBABILISTIC WORK TRIMMING**
[54] **PLANIFICATION DE TRAVAIL GEOMETRIQUE AVEC ROGNAGE DE TRAVAIL DYNAMIQUE ET PROBABILISTE**
[72] KUMAR, TUSHAR, US
[72] JIA, WENHAO, US
[72] RAMAN, ARUN, US
[72] CHAO, HUI, US
[72] RUAN, WENJIA, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-08-22
[86] 2017-01-24 (PCT/US2017/014709)
[87] (WO2017/171992)
[30] US (62/316,235) 2016-03-31
[30] US (15/192,051) 2016-06-24

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[51] **Int.Cl. A01G 15/00 (2006.01) H02S 10/40 (2014.01) B64C 39/02 (2006.01) B64D 1/16 (2006.01) B64D 1/18 (2006.01) B64D 5/00 (2006.01) G05D 1/10 (2006.01)**
[25] EN
[54] **VEHICLES AND SYSTEMS FOR WEATHER MODIFICATION**
[54] **VEHICULES ET SYSTEMES POUR MODIFICATION DES CONDITIONS METEOROLOGIQUES**
[72] GOELET, JOHN, US
[71] JG ENTREPRENEURIAL ENTERPRISES LLC, US
[85] 2018-08-22
[86] 2017-01-26 (PCT/US2017/015013)
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[30] US (62/288,802) 2016-01-29

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[13] A1
[51] **Int.Cl. C09K 5/04 (2006.01)**
[25] EN
[54] **REFRIGERANT MIXTURES COMPRISING DIFLUOROMETHANE, PENTAFLUOROETHANE, TETRAFLUOROETHANE, TETRAFLUOROPROPENE, AND CARBON DIOXIDE AND USES THEREOF**
[54] **MELANGES REFRIGERANTS COMPRENANT DU DIFLUOROMETHANE, DU PENTAFLUOROETHANE, DU TETRAFLUOROETHANE, DU TETRAFLUOROPROPENE, ET DU DIOXYDE DE CARBONE ET LEURS UTILISATIONS**
[72] MINOR, BARBARA HAVILAND, US
[72] HUGHES, JOSHUA, US
[71] THE CHEMOURS COMPANY FC, LLC, US
[85] 2018-08-22
[86] 2017-02-27 (PCT/US2017/019649)
[87] (WO2017/151488)
[30] US (62/301,193) 2016-02-29
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[13] A1
[51] **Int.Cl. H01M 12/02 (2006.01) H01M 12/06 (2006.01) H01M 2/38 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL CELL COMPRISING AN ELECTRODEPOSITED FUEL**
[54] **CELLULE ELECTROCHIMIQUE COMPRENANT UN COMBUSTIBLE ELECTRODEPOSE**
[72] KRISHNAN, RAMKUMAR, US
[72] FRIESEN, CODY, US
[72] HAYES, JOEL, US
[72] TRIMBLE, TODD, US
[72] FRIESEN, GRANT, US
[71] FLUIDIC, INC., US
[85] 2018-08-22
[86] 2016-03-21 (PCT/US2016/023439)
[87] (WO2016/149702)
[30] US (62/135,511) 2015-03-19

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[51] **Int.Cl. B60T 17/08 (2006.01) B60T 13/26 (2006.01) B60T 17/16 (2006.01) B61H 5/00 (2006.01) F16D 55/224 (2006.01)**
[25] FR
[54] **RAILWAY BRAKING SYSTEM FOR RAILWAY VEHICLE AND METHOD FOR BRAKING A RAILWAY VEHICLE COMPRISING SUCH A SYSTEM**
[54] **SYSTEME DE FREINAGE FERROVIAIRE POUR VEHICULE FERROVIAIRE ET PROCEDE DE FREINAGE D'UN VEHICULE FERROVIAIRE COMPORTANT UN TEL SYSTEME**
[72] CROCHU, CANDICE, FR
[72] GONCALVES, CLAUDINO, FR
[72] SALES, JEREMIE, FR
[71] FAIVELEY TRANSPORT AMIENS, FR
[85] 2018-08-23
[86] 2017-03-01 (PCT/FR2017/050461)
[87] (WO2017/149244)
[30] FR (1651829) 2016-03-04

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[13] A1
[51] **Int.Cl. A61K 39/12 (2006.01) A61K 39/155 (2006.01) A61P 31/14 (2006.01) C07K 14/005 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **SUBSTITUTIONS-MODIFIED PREFUSION RSV F PROTEINS AND THEIR USE**
[54] **PROTEINES F DU VRS MODIFIEES PAR SUBSTITUTIONS ET SOUS CONFORMATION DE PRE-FUSION, ET LEUR UTILISATION**
[72] KWONG, PETER, US
[72] GRAHAM, BARNEY, US
[72] MASCOLA, JOHN, GB
[72] OU, LI, US
[72] DRUZ, ALIAKSANDR, US
[72] CHEN, MAN, US
[72] KONG, WING-PUI, US
[72] GEORGIEV, IVELIN STEFANOV, US
[72] RUNDLET, EMILY, US
[72] JOYCE, MICHAEL GORDON, US
[72] TSYBOVSKY, YAROSLAV, US
[72] THOMAS, PAUL, US
[72] PANCERA, MARIE, US
[72] SASTRY, MALLIKA, US
[72] SOTO, CINQUE, US
[72] VAN GALEN, JOSEPH, US
[72] STEWART-JONES, GUILLAUME, US
[72] YANG, YONGPING, US
[72] ZHANG, BAOSHAN, US
[72] BAXA, ULRICH, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2018-08-16
[86] 2017-03-29 (PCT/US2017/024714)
[87] (WO2017/172890)
[30] US (62/314,946) 2016-03-29

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[13] A1
[51] **Int.Cl. A61K 31/136 (2006.01) A61P 3/10 (2006.01) G01N 33/48 (2006.01) G01N 33/564 (2006.01)**
[25] EN
[54] **AGENTS FOR INCREASING THE SECRETION OF ANTI-INFLAMMATORY CYTOKINES**
[54] **AGENTS D'AUGMENTATION DE LA SECRETION DE CYTOKINES ANTI-INFLAMMATOIRES**
[72] ST-ONGE, LUC, DE
[72] GAUTHIER, BENOIT, ES
[72] COBOVUILLEUMIER, NADIA, ES
[72] POZO PEREZ, DAVID, ES
[71] FUNDACION PUBLICA ANDALUZA PROGRESO Y SALUD, ES
[71] ST-ONGE, LUC, DE
[71] UNIVERSIDAD DE SEVILLA, ES
[85] 2018-08-23
[86] 2016-03-31 (PCT/EP2016/057137)
[87] (WO2016/156531)
[30] EP (15382160.8) 2015-03-31

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[51] **Int.Cl. A61K 39/395 (2006.01) C07K 14/475 (2006.01) C07K 16/18 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MODULATING BODY WEIGHT**
[54] **COMPOSITIONS ET PROCEDES POUR MODULER LE POIDS CORPOREL**
[72] HSU, JER-YUAN, US
[72] CHEN, YU, US
[72] CRAWLEY, SUZANNE CHRISTINE, US
[72] TIAN, HUI, US
[72] SHEN, WENYAN, US
[72] TANG, JIE, US
[72] HIGBEE, JARED MARTIN, US
[71] NGM BIOPHARMACEUTICALS, INC., US
[85] 2018-08-23
[86] 2017-03-03 (PCT/US2017/020753)
[87] (WO2017/152105)
[30] US (62/304,141) 2016-03-04

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[13] A1
[51] **Int.Cl. C04B 7/13 (2006.01) C04B 7/38 (2006.01) C04B 7/44 (2006.01) C04B 28/02 (2006.01) C04B 40/00 (2006.01) C04B 40/02 (2006.01)**
[25] EN
[54] **WHITE CARBONATABLE CALCIUM SILICATE-BASED CEMENTS AND METHODS OF PREPARATION AND USE THEREOF**
[54] **CIMENTS BLANCS A BASE DE SILICATE DE CALCIUM CARBONATABLE ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] SAHU, SADANANDA, US
[72] QUINN, SEAN, US
[72] SETH, ANUJ, US
[72] BRYANT, JAYSON, US
[72] RAVIKUMAR, DEEPAK, US
[71] SOLIDIA TECHNOLOGIES, INC., US
[85] 2018-08-23
[86] 2017-03-03 (PCT/US2017/020778)
[87] (WO2017/152120)
[30] US (62/304,107) 2016-03-04

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[25] EN
[54] **SYNERGISTIC METHODS OF USING BENZOXABOROLE COMPOUNDS AND PRESERVATIVE GASES AS AN ANTIMICROBIAL FOR CROPS**
[54] **PROCEDES SYNERGIQUES D'UTILISATION DE COMPOSES DE BENZOXABOROLE ET DE GAZ DE CONSERVATION EN TANT QU'AGENT ANTIMICROBIEN POUR LES PLANTES CULTIVEES**
[72] CIFUENTES, RODRIGO, CL
[72] MACLEAN, DANIEL, US
[72] ENGLE-GOODNER, RENEE, US
[72] MALEFYT, TIMOTHY, US
[71] AGROFRESH INC., US
[85] 2018-08-23
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[54] **BONE MARROW-, RETICULOENDOTHELIAL SYSTEM-, AND/OR LYMPH NODE-TARGETED RADIOLABELED LIPOSOMES AND METHODS OF THEIR DIAGNOSTIC AND THERAPEUTIC USE**
[54] **LIPOSOMES RADIOMARQUES CIBLANT LA MOELLE OSSEUSE, LE SYSTEME RETICULO-ENDOTHELIAL ET/OU LES N□UDS LYMPHOIDES ET METHODES DE DIAGNOSTIC ET USAGE THERAPEUTIQUE ASSOCIES**
[72] PILLARSETTY, NAGA VARA KISHORE, US
[72] LARSON, STEVEN M., US
[72] LEE, SANG-GYU, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
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[54] **SYSTEMS AND METHODS FOR PREPARING A THROMBIN SERUM**
[54] **SYSTEMES ET PROCEDES DE PREPARATION D'UN SERUM DE THROMBINE**
[72] BARE, CHRISTOPHER, US
[72] NABORS, ABIGAIL, US
[72] TUCKER, MELISSA, US
[72] HARRISON, ROBERT, US
[71] ARTHREX, INC., US
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[54] **LOW DUST ADDITIVES COMPRISING EMULSIFIED POWDER FOR JOINT COMPOUNDS AND JOINT COMPOUNDS THEREOF**
[54] **ADDITIFS POUR OBTENIR UNE FAIBLE QUANTITE DE POUSSIERE COMPRENANT DE LA POUDRE EMULSIFIEE POUR COMPOSES DE JOINT, ET COMPOSES DE JOINT ASSOCIES**
[72] AYAMBEM, AMBA, US
[71] HENRY COMPANY, LLC, US
[85] 2018-08-23
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[54] **WELD BALL COLLECTION IN A PHOSPHATE SYSTEM**
[54] **COLLECTE DE BILLES DE SOUDURE DANS UN SYSTEME AU PHOSPHATE**
[72] SEERY, LLOYD M., US
[71] FCA US LLC, US
[85] 2018-08-23
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[54] **OPTICAL SWITCH DEVICES**
[54] **DISPOSITIFS DE COMMUTATION OPTIQUE**
[72] RICH, CHRISTOPHER CHAPMAN, US
[72] PETERSEN, JOEL MIKAEL, US
[72] PHILLIPS, ROGER WINSTON, US
[72] TAMKIN, JOHN MICHAEL, US
[71] WAVEFRONT TECHNOLOGY, INC., US
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[54] **METHODS OF PURIFYING COLLAGEN 7**
[54] **PROCEDES DE PURIFICATION DE COLLAGENE 7**
[72] QUINONES-GARCIA, IGOR, US
[72] SIMEONE, BENJAMIN, US
[72] LILLIE, RAYMOND, US
[72] YANG, TING, US
[72] NICHOLS, DAVID, US
[71] PHOENIX TISSUE REPAIR, INC., US
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[54] **COAL GASIFICATION**
[54] **GAZEIFICATION DE CHARBON**
[72] BISAKA, KABWIKA, ZA
[72] REYNOLDS, GARETH, ZA
[72] CURR, THOMAS ROBERT, ZA
[71] MINTEK, ZA
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[54] **COMPOSITIONS AND METHODS OF TREATMENT OF CHRONIC INFECTIOUS DISEASES**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE MALADIES INFECTIEUSES CHRONIQUES**
[72] BORODY, THOMAS JULIUS, AU
[71] BORODY, THOMAS JULIUS, AU
[85] 2018-08-24
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[25] EN
[54] **A DENTAL IMPRESSION TRAY SYSTEM AND METHODS OF USE THEREOF**
[54] **SYSTEME DE PORTE-EMPREINTE DENTAIRE ET PROCEDES D'UTILISATION ASSOCIES**
[72] LLOP, DANIEL R., US
[72] SPANKE, RYAN A., US
[71] NATIONAL DENTEX, LLC, US
[85] 2018-08-23
[86] 2017-03-13 (PCT/US2017/022191)
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[54] **A MOUNTING ASSEMBLY**
[54] **ENSEMBLE DE MONTAGE**
[72] GILLESPIE, GARRY, AU
[71] GR AND KA GILLESPIE PTY LTD, AU
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[25] EN
[54] **STRUCTURES AND METHODS OF MANUFACTURING STRUCTURES USING BIOLOGICAL BASED MATERIALS**
[54] **STRUCTURES ET PROCEDES DE FABRICATION DE STRUCTURES UTILISANT DES MATERIAUX BIOLOGIQUES**
[72] CHURCH, RYAN, CA
[71] CHURCH, RYAN, CA
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[54] **GACHETTE A PIVOTEMENT LATERAL**
[72] MARIN, ROK, SI
[71] MARIN, ROK, SI
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[54] **BOUTON AUXILIAIRE POUR SYSTEME DE CUISSON**
[72] VENGROFF, DARREN ERIK, US
[72] MILZ, CHRISTOPH, US
[71] MEYER INTELLECTUAL PROPERTIES LIMITED, CN
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[54] **STACKED STRUCTURAL STEEL WALL TRUSSES**
[54] **POUTRES DE MUR EMPILEES EN ACIER DE CONSTRUCTION**
[72] COHEN, DAVID L., US
[71] VEGA BUILDING SYSTEMS LLC, US
[85] 2018-08-15
[86] 2017-01-18 (PCT/US2017/013894)
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[25] EN
[54] **THE USE OF KAURANES COMPOUNDS IN THE MANUFACTURE OF MEDICAMENT FOR TREATMENT OF CARDIAC HYPERTROPY AND PULMONARY HYPERTENSION**
[54] **UTILISATION DE COMPOSES DE KAURANES DANS LA FABRICATION DE MEDICAMENTS PERMETTANT DE TRAITER L'HYPERTROPHIE CARDIAQUE ET L'HYPERTENSION PULMONAIRE**
[72] TAN, WEN, CN
[71] KEY-PHARMA BIOMEDICAL INC., CN
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[54] **APPAREIL A CARILLON**
[72] ROULEAU, DANIEL, CA
[71] CARILLONS OPERA INC., CA
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[25] EN
[54] **6-MEMBERED AZA-HETEROCYCLIC CONTAINING DELTA-OPIOID RECEPTOR MODULATING COMPOUNDS, METHODS OF USING AND MAKING THE SAME**
[54] **AZA-HETEROCYCLIQUE A 6 ELEMENTS CONTENANT DES COMPOSES MODULATEURS DE RECEPTEURS OPIOIDES DELTA, ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] SPEERSCHNEIDER, AIMEE CROMBIE, US
[72] YAMASHITA, DENNIS SHINJI, US
[72] PITIS, PHILIP MICHAEL, US
[72] HAWKINS, MICHAEL JOHN, US
[72] LIU, GUODONG, US
[72] MISKOWSKI DAUBERT, TAMARA ANN, US
[72] YUAN, CATHERINE C.K., US
[72] BORBO KARGBO, ROBERT, US
[72] HERR, ROBERT JASON, US
[72] ROMERO, DONNA, US
[72] PACOFSKY, GREGORY J., US
[71] TREVENA, INC., US
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[54] **BIO-BASED AND BIODEGRADABLE RESIN SUITABLE FOR PRODUCTION OF COMPOSITE MATERIALS**
[54] **RESINE A BASE BIOLOGIQUE ET BIODEGRADABLE APPROPRIEE POUR LA PRODUCTION DE MATERIAUX COMPOSITES**
[72] PEDERSEN, THOMAS BRORSEN, DK
[71] BIO BOND IVS, DK
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[25] FR
[54] **RAILROAD BRAKE SYSTEM FOR RAILROAD VEHICLE**
[54] **SYSTEME DE FREINAGE FERROVIAIRE POUR VEHICULE FERROVIAIRE**
[72] GONCALVES, CLAUDINO, FR
[72] BEAUVOIS, DAMIEN, FR
[71] FAIVELEY TRANSPORT AMIENS, FR
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[87] (WO2017/162978)
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[25] FR
[54] **RAIL BRAKING SYSTEM FOR RAIL VEHICLE AND METHOD FOR BRAKING A RAIL VEHICLE COMPRISING SUCH A SYSTEM**
[54] **SYSTEME DE FREINAGE FERROVIAIRE POUR VEHICULE FERROVIAIRE ET PROCEDE DE FREINAGE D'UN VEHICULE FERROVIAIRE COMPORTANT UN TEL SYSTEME**
[72] GONCALVES, CLAUDINO, FR
[72] SALES, JEREMIE, FR
[72] CORRENDO, ROBERTO, IT
[71] FAIVELEY TRANSPORT AMIENS, FR
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[25] FR
[54] **CORE FOR CASTING A BLADE OF A TURBOMACHINE**
[54] **NOYAU POUR LE MOULAGE D'UNE AUBE DE TURBOMACHINE**
[72] HUCHIN, PATRICK EMILIEN PAUL EMILE, FR
[72] VOLLEBREGT, MATTHIEU JEAN LUC, FR
[72] ROLLINGER, ADRIEN BERNARD VINCENT, FR
[72] BECHELANY, MIRNA, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[71] SAFRAN, FR
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[25] FR
[54] **FLOATING WIND TURBINE HAVING TWIN VERTICAL AXIS TURBINES WITH IMPROVED EFFICIENCY**
[54] **EOLIENNE FLOTTANTE A TURBINES JUMELLES A AXE VERTICAL A RENDEMENT AMELIORE**
[72] ACHARD, JEAN-LUC, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2018-08-24
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[54] **APPARATUS FOR MAKING A DRINK**
[54] **APPAREIL DE FABRICATION D'UNE BOISSON**
[72] LECOMTE, VALENTIN, FR
[72] MARTINS, GEOFFREY, FR
[71] KUANTOM, FR
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[54] **LOCK FOR A REBATED DOOR**
[54] **SERRURE POUR PORTE A RECOUVREMENT**
[72] ASCHIERI, GIOVANNI, IT
[71] BONAITI SERRATURE S.P.A., IT
[85] 2018-08-24
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[25] FR
[54] **METHOD FOR DETERMINING ACTIVE CONCENTRATIONS AND/OR KINETIC INTERACTION CONSTANTS IN COMPLEX BIOLOGICAL SAMPLES BY MEANS OF SURFACE PLASMON RESONANCE**
[54] **PROCEDE DE DETERMINATION DES CONCENTRATIONS ACTIVES ET/OU DES CONSTANTES CINETIQUES D'INTERACTION DANS DES ECHANTILLONS BIOLOGIQUES COMPLEXES EN RESONANCE PLASMONIQUE DE SURFACE**
[72] VISENTIN, JONATHAN, FR
[72] DI PRIMO, CARMELO, FR
[72] TAUPIN, JEAN-LUC, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE BORDEAUX, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSERM (INSTITUT DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
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[86] 2017-03-28 (PCT/FR2017/050702)
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[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING HYBRID DIRECT-CURRENT TRANSMISSION SYSTEM**
[54] **PROCEDE ET APPAREIL SERVANT A COMMANDER UN SYSTEME DE TRANSMISSION DE COURANT CONTINU HYBRIDE**
[72] ZHAO, WENQIANG, CN
[72] WANG, NANNAN, CN
[72] WANG, YONGPING, CN
[72] LU, JIANG, CN
[72] BAI, CHUANJUN, CN
[72] LU, YU, CN
[71] NR ELECTRIC CO., LTD, CN
[71] NR ENGINEERING CO., LTD, CN
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[25] EN
[54] **SECURITY DOOR LOCK**
[54] **SERRURE DE PORTE DE SECURITE**
[72] DUNSTAN, BRETT, AU
[71] LOKAWAY PTY LTD, AU
[85] 2018-08-23
[86] 2017-02-22 (PCT/AU2017/000052)
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[54] **LASER A CASCADE QUANTIQUE**
[72] TEISSIER, ROLAND, FR
[72] BARANOV, ALEXEI, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE MONTPELLIER, FR
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[25] EN
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[54] **PINCE DE BLOCAGE D'ECROU DE ROUE**
[72] NILSSON, BENGT-AKE, SE
[72] MCCULLOUGH, MARK, SE
[71] SAFETY SEAL EUROPE AB, SE
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[25] EN
[54] **INDUCTION FURNACE AND METHOD FOR CARRYING OUT A HEAT TREATMENT OF A DENTAL REPLACEMENT PART**
[54] **FOUR A INDUCTION ET PROCEDE POUR FAIRE SUBIR UN TRAITEMENT THERMIQUE A UN ELEMENT PROTHETIQUE DENTAIRE**
[72] SCHMIDT, CHRISTIAN, DE
[72] BAURER, MICHAEL, DE
[71] SIRONA DENTAL SYSTEMS GMBH, DE
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[72] LEUSMANN, JAN, DE
[71] BRILLUX GMBH & CO. KG, DE
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[25] EN
[54] **PROCESS FOR REMOVING RADIOACTIVE ISOTOPES FROM AQUEOUS FLUIDS BY FLUORINE CONTAINING REAGENTS, FLUORINE CONTAINING WATER-INSOLUBLE SALTS OF THE RADIOACTIVE ISOTOPES, AND THEIR USEAS THERAPEUTIC AGENTS**
[54] **PROCEDE D'ELIMINATION D'ISOTOPES RADIOACTIFS DANS DES FLUIDES AQUEUX PAR DES REACTIFS FLUORES, SELS FLUORES INSOLUBLES DANS L'EAU DES ISOTOPES RADIOACTIFS, ET LEUR UTILISATION EN TANT QU'AGENTS THERAPEUTIQUES**
[72] PORSCHKE, KLAUS-RICHARD, DE
[72] POLLAK, DAVID, DE
[71] STUDIENGESELLSCHAFT KOHLE MBH, DE
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[25] EN
[54] **A SYSTEM AND METHOD FOR MANUFACTURE OF PAPER, BOARD OR THE LIKE**
[54] **SYSTEME ET PROCEDE DE FABRICATION DE PAPIER, DE CARTON OU SIMILAIRE**
[72] HIETANIEMI, MATTI, FI
[72] KARPPI, ASKO, FI
[71] KEMIRA OYJ, FI
[85] 2018-08-24
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[25] EN
[54] **AQUEOUS POLYMER DISPERSION, ITS USE AND METHOD FOR PREPARING AQUEOUS POLYMER DISPERSION**
[54] **DISPERSION AQUEUSE DE POLYMERE, SON UTILISATION ET PROCEDE DE PREPARATION D'UNE DISPERSION AQUEUSE DE POLYMERE**
[72] LEPO, ANNELI, FI
[72] PEURANEN, HELENA, FI
[71] KEMIRA OYJ, FI
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[25] EN
[54] **METER ELECTRONICS FOR TWO OR MORE METER ASSEMBLIES**
[54] **ELECTRONIQUE DE MESURE POUR DEUX OU PLUS DE DEUX ENSEMBLES DE MESURE**
[72] SHEN, KAI, CN
[72] MAGINNIS, RICHARD L., US
[72] GAO, FENGCHUAN, CN
[72] LIU, HUAN, CN
[71] MICRO MOTION, INC., US
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[54] **COMMUNICATING WITH TWO OR MORE SLAVES**
[54] **COMMUNICATION AVEC DEUX ESCLAVES OU PLUS**
[72] SUN, LI, CN
[72] SONG, JINGXIAN, CN
[71] MICRO MOTION, INC., US
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[25] EN
[54] **USE OF ALKYD RESINS**
[54] **UTILISATION DE RESINES ALKYDES**
[72] SCHEPERS, KLAUS, DE
[72] MISCHO, HORST, DE
[72] BIRKEL, ALEXANDER, DE
[72] SABANOV, ELENA, DE
[72] BREMSER, WOLFGANG, DE
[71] POM PATENTVERWALTUNGS GBR, DE
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[54] **GABION, NOISE BARRIER WALL COMPRISING SUCH A GABION, AND PROCESS FOR EXECUTING SUCH A GABION**
[54] **GABION, MUR ANTIBRUIT COMPRENANT LEDIT GABION ET PROCEDE D'EXECUTION D'UN TEL GABION**
[72] DABOS, FRANCOIS, FR
[71] OMYA INTERNATIONAL AG, CH
[85] 2018-08-24
[86] 2017-03-03 (PCT/EP2017/054992)
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[54] **SYSTEME DE VERIFICATION DE CARTE**
[72] SOGAWA, HAJIME, JP
[72] UENO, MASAHIRO, JP
[72] OTA, YOHEI, JP
[71] 10353744 CANADA LTD., CA
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[25] EN
[54] **CEILING TABLE AND CEILING FORMWORK COMPRISING SUCH A CEILING TABLE**
[54] **TABLE COFFRANTE ET COFFRAGE DE PLANCHER FAISANT INTERVENIR UNE TELLE TABLE COFFRANTE**
[72] SCHNEIDER, WERNER, DE
[71] PERI GMBH, DD
[85] 2018-08-24
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[25] EN
[54] **METHODS OF MANUFACTURING SECURITY DEVICES**
[54] **PROCEDES DE FABRICATION DE DISPOSITIFS DE SECURITE**
[72] WHITEMAN, ROBERT, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
[85] 2018-08-24
[86] 2017-02-24 (PCT/GB2017/050500)
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[25] EN
[54] **ETHERAMINES BASED ON 1,3-DIALCOHOLS**
[54] **ETHERAMINES A BASE DE 1,3-DIALCOOLS**
[72] LUDOLPH, BJOERN, DE
[72] EBERT, SOPHIA, DE
[72] EIDAMSHAUS, CHRISTIAN, DE
[72] SCIALLA, STEFANO, US
[72] LOUGHNANE, BRIAN JOSEPH, US
[72] HENKE, KARIE MARIE, US
[72] NASH, JAY FRANK, US
[72] HAYES, MICHAEL PATRICK, US
[71] BASF SE, DE
[85] 2018-08-24
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[25] EN
[54] **POLYETHERAMINES BASED ON 1,3-DIALCOHOLS**
[54] **POLYETHERAMINES A BASE DE 1,3-DIALCOOLS**
[72] LUDOLPH, BJOERN, DE
[72] EBERT, SOPHIA, DE
[72] EIDAMSHAUS, CHRISTIAN, DE
[72] SCIALLA, STEFANO, US
[72] LOUGHNANE, BRIAN JOSEPH, US
[72] HENKE, KARIE MARIE, US
[72] FRANKENBACH, GAYLE MARIE, US
[72] NASH, JAY FRANK, US
[72] HAYES, MICHAEL PATRICK, US
[72] VENEGAS, MANUEL G., US
[71] BASF SE, DE
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[54] **FOLDABLE AND BIODEGRADABLE CUSHIONING SHEET**
[54] **FEUILLE DE REMBOURRAGE PLIABLE ET BIODEGRADABLE**
[72] WESTGEEST, PETRUS JACOBUS ANTHONIUS, NL
[72] VAN DER PLAS, CORNELIS JAN, NL
[71] GENERATION OF CHANGE B.V., NL
[85] 2018-08-24
[86] 2017-02-24 (PCT/NL2017/050114)
[87] (WO2017/146577)
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[25] EN
[54] **MARKET RISK ASSESSMENT SYSTEM AND MARKET RISK ASSESSMENT PROGRAM**
[54] **SYSTEME ET PROGRAMME D'EVALUATION DE RISQUE DE MARCHE**
[72] BABA, TAKAMITSU, JP
[72] KABAYA, SHUNSUKE, JP
[72] SHIMBA, KIYOTO, JP
[72] YONEKAWA, OSAMU, JP
[72] ZHU, YINGQI, JP
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[86] 2015-03-10 (PCT/JP2015/056926)
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[25] EN
[54] **SYNTHETIC APERTURE RADAR SIGNAL PROCESSING DEVICE**
[54] **DISPOSITIF DE TRAITEMENT DE SIGNAL RADAR A OUVERTURE SYNTHETIQUE**
[72] FURUTA, TETSURO, JP
[72] TAKAHASHI, KATSUMI, JP
[72] OZAKI, ATSUO, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
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[25] EN
[54] **USE OF TETRAZOLINONES FOR COMBATING RESISTANT PHYTOPATHOGENIC FUNGI ON CEREALS**
[54] **UTILISATION DE TETRAZOLINONES POUR LUTTER CONTRE DES CHAMPIGNONS PHYTOPATHOGENES RESISTANTS SUR DES CEREALES**
[72] GEWEHR, MARKUS, DE
[72] MONTAG, JURITH, DE
[71] BASF SE, DE
[85] 2018-08-24
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[25] EN
[54] **WATER-BASED PIGMENT INK COMPOSITION FOR INK-JET PRINTING**
[54] **COMPOSITION D'ENCRE PIGMENTAIRE A BASE D'EAU POUR IMPRESSION PAR JET D'ENCRE**
[72] SATO, YOICHI, JP
[72] ONO, TAICHI, JP
[72] KONISHI, HIROYUKI, JP
[72] MORIYASU, KAZUKI, JP
[71] SAKATA INX CORPORATION, JP
[85] 2018-08-24
[86] 2017-02-15 (PCT/JP2017/005400)
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[30] JP (2016-035948) 2016-02-26

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[25] EN
[54] **METHOD AND APPARATUS FOR ADAPTING AN ITEM OF CLOTHING TO A PART OF THE BODY**
[54] **PROCEDE ET DISPOSITIF D'ADAPTATION D'UN VETEMENT A UNE PARTIE DU CORPS**
[72] LENZ, STEFAN, AT
[71] LENZ GES.M.B.H., AT
[85] 2018-08-24
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[30] AT (A 50863/2016) 2016-09-27

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[54] **COMPONENTS INDICATION IN SERVICE ANNOUNCEMENT**
[54] **INDICATION DE CONSTITUANTS DANS UNE ANNONCE DE SERVICE**
[72] DESHPANDE, SACHIN G., JP
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2018-08-24
[86] 2017-02-27 (PCT/JP2017/007496)
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[54] **RECLOSABLE RECEPTACLE TO CONTAIN SUBSTANCES**
[54] **RECEPTACLE REFERMABLE DESTINE A CONTENIR DES SUBSTANCES**
[72] BIASIZZO, MATTEO, IT
[71] IL. MAS S.R.L., IT
[85] 2018-08-24
[86] 2017-02-27 (PCT/IB2017/051138)
[87] (WO2017/145133)
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[51] **Int.Cl. H04N 21/4722 (2011.01) H04N 21/44 (2011.01) H04N 21/658 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SIGNALING RESOURCE IDENTIFIERS USING WATERMARKS**
[54] **SYSTEMES ET PROCEDES DE SIGNALISATION D'IDENTIFIANTS DE RESSOURCES AU MOYEN DE TATOUAGES NUMERIQUES**
[72] NG, SHEAU, US
[72] MISRA, KIRAN MUKESH, US
[72] DESHPANDE, SACHIN G., US
[72] SEGALL, CHRISTOPHER ANDREW, US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2018-08-24
[86] 2017-03-01 (PCT/JP2017/008100)
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[30] US (62/302,133) 2016-03-01
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[51] **Int.Cl. C07C 13/48 (2006.01) C07C 23/36 (2006.01)**
[25] EN
[54] **COMPOUNDS AND METHODS FOR MODULATING SEROTONIN RECEPTORS IN THE PERIPHERY**
[54] **COMPOSES ET PROCEDES POUR MODULER LES RECEPTEURS SEROTONINERGIQUES EN PERIPHERIE**
[72] BOOTH, RAYMOND G., US
[71] NORTHEASTERN UNIVERSITY, US
[85] 2018-08-24
[86] 2016-05-19 (PCT/US2016/033185)
[87] (WO2016/187377)
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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **FLEXIBLE DISPLAY FOR AN AEROSOL DELIVERY DEVICE**
[54] **AFFICHAGE FLEXIBLE POUR UN DISPOSITIF D'ADMINISTRATION D'AEROSOL**
[72] LAMB, WILSON CHRISTOPHER, US
[72] AMPOLINI, FREDERIC PHILIPPE, US
[72] HENRY, RAYMOND C., JR., US
[71] RAI STRATEGIC HOLDINGS, INC., US
[85] 2018-08-24
[86] 2017-03-01 (PCT/IB2017/051207)
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[25] EN
[54] **IDH2 INHIBITORS FOR THE TREATMENT OF HAEMATOLOGICAL MALIGANCIES AND SOLID TUMOURS**
[54] **INHIBITEURS D'IDH2 POUR LE TRAITEMENT DE TUMEURS SOLIDES ET MALIGNES HEMATOLOGIQUES**
[72] AMATANGELO, MICHAEL, US
[72] HU, XIAOLAN, US
[72] THAKURTA, ANJAN, US
[72] CHOE, SUNG EUN, US
[72] WU, BIN, US
[71] CELGENE CORPORATION, US
[71] AGIOS PHARMACEUTICALS, INC., US
[85] 2018-08-24
[86] 2016-12-02 (PCT/US2016/064615)
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[25] EN
[54] **HIGH-VOLTAGE ANALOG CIRCUIT PULSER AND PULSE GENERATOR DISCHARGE CIRCUIT**
[54] **PULSEUR DE CIRCUIT ANALOGIQUE HAUTE TENSION ET CIRCUIT DE DECHARGE DE GENERATEUR D'IMPULSIONS**
[72] ATHOS, BRIAN G., US
[72] UECKER, DARRIN R., US
[72] XIAO, SHU, US
[71] PULSE BIOSCIENCES, INC., US
[85] 2018-08-24
[86] 2017-01-31 (PCT/US2017/015881)
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[30] US (62/301,477) 2016-02-29
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[25] EN
[54] **TREATMENT OF HEMATOPOIETIC STEM CELL TRANSPLANT PATIENTS**
[54] **TRAITEMENT DE PATIENTS AYANT SUBI UNE GREFFE DE CELLULES SOUCHES HEMATOPOIETIQUES**
[72] BUCHER, CHRISTOPH, CH
[72] GERGELY, PETER, CH
[72] KATOPODIS, ANDREAS, CH
[72] SMITH, PHILIP, CH
[71] KYORIN PHARMACEUTICAL CO., LTD., JP
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[86] 2017-03-06 (PCT/IB2017/051291)
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[51] **Int.Cl. H03K 3/02 (2006.01)**
[25] EN
[54] **HIGH-VOLTAGE ANALOG CIRCUIT PULSER WITH FEEDBACK CONTROL**
[54] **PULSEUR DE CIRCUIT ANALOGIQUE HAUTE TENSION AYANT UNE COMMANDE DE RETROACTION**
[72] XIAO, SHU, US
[72] ATHOS, BRIAN G., US
[72] KREIS, MARK P., US
[72] DANITZ, DAVID J., US
[72] UECKER, DARRIN R., US
[71] PULSE BIOSCIENCES, INC., US
[85] 2018-08-24
[86] 2017-01-31 (PCT/US2017/015884)
[87] (WO2017/151261)
[30] US (62/301,477) 2016-02-29
[30] US (15/148,344) 2016-05-06

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/365 (2006.01) A61K 31/404 (2006.01) A61K 31/437 (2006.01) A61K 31/44 (2006.01) A61K 31/444 (2006.01) A61K 31/4709 (2006.01) A61K 31/496 (2006.01) A61K 31/497 (2006.01) A61K 31/5025 (2006.01) A61K 31/53 (2006.01) A61K 31/5377 (2006.01) A61K 31/553 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **IDH1 INHIBITORS FOR THE TREATMENT OF HAEMATOLOGICAL MALIGNANCIES AND SOLID TUMOURS**
[54] **INHIBITEURS DE IDH1 POUR LE TRAITEMENT DE CANCERS HEMATOLOGIQUES ET DE TUMEURS SOLIDES**
[72] CHOE, SUNG EUN, US
[72] WU, BIN, US
[72] AMATANGELO, MICHAEL, US
[72] HU, XIAOLAN, US
[72] THAKURTA, ANJAN, US
[71] AGIOS PHARMACEUTICALS, INC., US
[71] CELGENE CORPORATION, US
[85] 2018-08-24
[86] 2016-12-02 (PCT/US2016/064845)
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[30] US (62/300,673) 2016-02-26

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[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING TENSION OR HEAVE COMPENSATION IN AN OFFSHORE DRILLING ENVIRONMENT**
[54] **SYSTEME ET PROCEDE POUR FOURNIR UNE COMPENSATION DE PILONNEMENT OU DE TENSION DANS UN ENVIRONNEMENT DE FORAGE EN MER**
[72] TARALDRUD, PAAL ANDERS, NO
[72] VAAGLAND REITEN, OYVIND, NO
[72] VON DER OHE, CHRISTIAN BERTIL, NO
[72] SKIBELID, TOMMY, NO
[72] HAUGEN, OYVIND, NO
[72] BIRKELAND, RUNAR, NO
[71] CASTOR DRILLING SOLUTION AS, NO
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[54] **ESTIMATION DE MONTAGE DE RADAR AVEC DONNEES NON STRUCTUREES**
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[72] CAMPBELL, TIMOTHY, US
[71] WAYMO LLC, US
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[54] **PRINTING FORMULATIONS AND METHODS**
[54] **FORMULATIONS POU L'IMPRESSION ET PROCEDES**
[72] COFLER, MARIAN, IL
[72] COFLER, ADRIAN, IL
[72] YASEEN, HANADY, IL
[72] GAL, IDO, IL
[72] AYLEEN, SHAI, IL
[71] VELOX-PUREDIGITAL LTD., IL
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[54] **N□UD DE MODE DE SALVE**
[72] MUTALIK, VENKATESH G., US
[72] SCHEMMANN, MARCEL, NL
[72] ULM, JOHN, US
[72] MARICEVIC, ZORAN, US
[71] ARRIS ENTERPRISES LLC, US
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[54] **COMPTEUR ELECTRIQUE AUTO-ADAPTABLE ET SYSTEME D'AUTOMATISATION**
[72] VAUGHN, TYRELL CRAIG, US
[72] WHITE, JOE WALLACE, US
[71] SIEMENS INDUSTRY, INC., US
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[54] **ELECTRIC MOTOR AND ROD-DRIVEN ROTARY GEAR PUMPS**
[54] **MOTEUR ELECTRIQUE ET POMPES ROTATIVES A ENGRENAGES ENTRAINEES PAR DES TIGES**
[72] STRAUB, PETER, CA
[72] POLLARD, KIM, CA
[71] ADVANCING PUMP TECHNOLOGY CORP., CA
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[54] **EXTRACTION DE SUBSTANCES DE MATIERE BOTANIQUE**
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[71] SKELL, JEFFREY, US
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[54] **ELEMENT DE CONSTRUCTION EN BOUCHON DE BOUTEILLE**
[72] KNAPIK, SEBASTIAN, PL
[71] KNAPIK, SEBASTIAN, PL
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[54] **SYNTHETIC PROCESSES AND INTERMEDIATES**
[54] **PROCEDES ET INTERMEDIAIRES DE SYNTHESE**
[72] PONNAIAH, RAVI, IN
[72] SUNKARI, SUDHAKAR, IN
[72] SONI, ANIL KUMAR, IN
[72] ATHUNURI, SIVA RAMI REDDY, IN
[72] KORRAKUTI, THIRISULAPANI, IN
[72] SEELAM, PULLARAO, IN
[72] PARHI, AJIT S., US
[71] TAXIS PHARMACEUTICALS, INC., US
[71] PONNAIAH, RAVI, IN
[71] SUNKARI, SUDHAKAR, IN
[71] SONI, ANIL KUMAR, IN
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[54] **ADJUSTABLE HYDRAULIC JARRING DEVICE**
[54] **DISPOSITIF DE BATTAGE HYDRAULIQUE REGLABLE**
[72] EVANS, ROBERT W., US
[71] EVANS, ROBERT W., US
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[25] EN
[54] **POLICY-ENABLED ENCRYPTION KEYS HAVING EPHEMERAL POLICIES**
[54] **CLES DE CHIFFREMENT ACTIVEES PAR UNE POLITIQUE COMPORTANT DES POLITIQUES EPHEMERES**
[72] EDWARDS, STEPHEN, US
[71] FORNETIX LLC, US
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[25] EN
[54] **LINKING ENCRYPTION KEY MANAGEMENT WITH GRANULAR POLICY**
[54] **LIAISON DE GESTION DE CLE DE CHIFFREMENT A UNE POLITIQUE GRANULAIRE**
[72] STUEVE, GERALD J., US
[72] EDWARDS, STEPHEN, US
[72] BAQUERO, LINA M., US
[72] WHITE, CHARLES, US
[71] FORNETIX LLC, US
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[54] **INSOLE WITH SUSPENDED MESH SURFACE**
[54] **SEMELLE INTERIEURE A SURFACE MAILLEE SUSPENDUE**
[72] RINGHOLZ, RYAN, US
[72] LIN, HUNG-CHIA, TW
[71] PLAE, INC., US
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[54] **SMOKING DEVICE**
[54] **DISPOSITIF POUR FUMER**
[72] FRENCH, JOHN TIMOTHY, US
[71] LYNX GRILLS, INC., US
[85] 2018-08-24
[86] 2017-02-23 (PCT/US2017/019089)
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[25] EN
[54] **SYSTEM AND METHOD FOR HIERARCHY MANIPULATION IN AN ENCRYPTION KEY MANAGEMENT SYSTEM**
[54] **SYSTEME ET PROCEDE DE MANIPULATION DE HIERARCHIE DANS UN SYSTEME DE GESTION DE CLE DE CRYPTAGE**
[72] WHITE, CHARLES, US
[72] GARDNER, GARY C., US
[71] FORNETIX LLC, US
[85] 2018-08-24
[86] 2017-02-23 (PCT/US2017/019209)
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[25] EN
[54] **CONCEALED HEATING SYSTEM**
[54] **SYSTEME DE CHAUFFAGE DISSIMULE**
[72] THOMAS, ROGER, US
[71] THOMAS, ROGER, US
[85] 2018-08-24
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[54] **FORMULATION AMELIOREE DE SUSPENSION RETARD INJECTABLE DE BUTANOATE DE LEVONORGESTREL A LONGUE DUREE D'ACTION**
[72] MCCORMICK, TIMOTHY J., US
[72] DONCEL, GUSTAVO F., US
[72] CLARK, MEREDITH ROBERTS, US
[72] SCHWARTZ, JILL, US
[71] EASTERN VIRGINIA MEDICAL SCHOOL, US
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[51] **Int.Cl. G21G 1/02 (2006.01) G21C 1/02 (2006.01) G21G 4/08 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCTION OF RADIO ACTIVE ISOTOPES IN FAST NEUTRON NUCLEAR REACTOR**
[54] **PROCEDE DE PRODUCTION D'ISOTOPES RADIOACTIFS DANS UN REACTEUR NUCLEAIRE A NEUTRONS RAPIDES**
[72] RISOVANYY, VLADIMIR DMITRIEVICH, RU
[72] DUB, ALEKSEY VLADIMIROVICH, RU
[72] KONDRAT'EV, NIKOLAY ALEKSANDROVICH, RU
[72] PERSHUKOV, VYACHESLAV ALEKSANDROVICH, RU
[72] ASMOLOV, VLADIMIR GRIGOR'EVICH, RU
[72] BAKANOV, MIKHAIL VASIL'EVICH, RU
[72] KOZMANOV, EVGENIY ALEKSANDROVICH, RU
[72] VASIL'EV, BORIS ALEKSANDROVICH, RU
[72] KLINOV, DMITRIY ANATOL'EVICH, RU
[72] SILIN, BORIS GEORGIEVICH, RU
[71] JOINT STOCK COMPANY "SCIENCE AND INNOVATIONS", RU
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[54] **INCLINED HOIST OF NUCLEAR REACTOR**
[54] **ELEVATEUR INCLINE DE REACTEUR NUCLEAIRE**
[72] VORONIN, YURIY VLADIMIROVICH, RU
[72] RUSAKOV, SERGEY SERGEEVICH, RU
[72] LYUBIMOV, MIKHAIL ANATOL'EVICH, RU
[72] TIMOFEEV, ALEKSANDR VLADIMIROVICH, RU
[71] JOINT STOCK COMPANY "AFRIKANTOV OKB MECHANICAL ENGINEERING", RU
[71] JOINT STOCK COMPANY "ROSENERGOATOM", RU
[71] JOINT STOCK COMPANY "SCIENCE AND INNOVATIONS", RU
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[54] **RAIL TRACK FOR INCLINED HOIST OF NUCLEAR REACTOR**
[54] **VOIE FERREE POUR ELEVATEUR INCLINE DE REACTEUR NUCLEAIRE**
[72] VORONIN, YURIY VLADIMIROVICH, RU
[72] RUSAKOV, SERGEY SERGEEVICH, RU
[72] LYUBIMOV, MIKHAIL ANATOL'EVICH, RU
[72] TIMOFEEV, ALEKSANDR VLADIMIROVICH, RU
[71] JOINT STOCK COMPANY "ROSENERGOATOM", RU
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[72] MUTHUMANI, KARUPPIAH, US
[72] WEINER, DAVID, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[86] 2017-02-24 (PCT/US2017/019407)
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[54] **DISPOSITIF D'ISOLATION THERMIQUE MODULAIRE DE CONDUITE**
[72] GAVRILIN, VIKTOR ALEKSEEVICH, RU
[71] JOINT STOCK COMPANY "SCIENCE AND INNOVATIONS" ("SCIENCE AND INNOVATIONS", JSC), RU
[71] JOINT STOCK COMPANY "EXPERIMENTAL AND DESIGN ORGANIZATION "GIDROPRESS" AWARDED THE ORDER OF THE RED BANNER OF LABOUR AND CZSR ORDER OF LABOUR", RU
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[54] **DETECTION DE PATHOGENES BETA-HEMOLYTIQUES**
[72] SUM, RONGJI, SG
[72] SWAMINATHAN, MUTHUKARUPPAN, SG
[72] CHEONG, IAN, SG
[71] TEMASEK LIFE SCIENCES LABORATORY LIMITED, SG
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[54] **DISC BRAKE AND BRAKE PAD SET**
[54] **FREIN A DISQUE ET ENSEMBLE PLAQUETTE DE FREIN**
[72] SCHROPP, JOSEF, DE
[72] SCHOENAUER, MANFRED, DE
[72] PAHLE, WOLFGANG, DE
[72] BARTEL, MARKUS, DE
[72] FISCHL, TOBIAS, DE
[72] BAUMGARTNER, JOHANN, DE
[72] PETSCHKE, ANDREAS, DE
[72] BOHMANN, MARKUS, DE
[72] LANTZ, RICHARD L., US
[72] TEKESKY, ROBERT S., US
[71] BENDIX SPICER FOUNDATION BRAKE LLC, US
[71] KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH, DE
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[25] EN
[54] **COMPOSITION FOR REDUCING TIRE-WHEEL ASSEMBLY IMBALANCES, FORCE VARIATIONS, AND/OR VIBRATIONS**
[54] **COMPOSITIONS POUR REDUIRE LES DESEQUILIBRES, LES VARIATIONS DE FORCES ET/OU LES VIBRATIONS D'UN ENSEMBLE PNEU/ROUE**
[72] LUDWIG, STEPHEN DALE, US
[71] INTERNATIONAL MARKETING, INC., US
[85] 2018-08-24
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[25] EN
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[54] **PROCEDE ET SYSTEME DE GUIDE DE FONDATION OSSEUSE**
[72] LLOP, DANIEL R., US
[72] JUSUF, ARMAND C., US
[72] SPANKE, RYAN A., US
[71] NATIONAL DENTEX, LLC, US
[85] 2018-08-24
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[30] US (15/062,109) 2016-03-05

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[25] EN
[54] **DEVICES AND METHODS FOR LEFT ATRIAL APPENDAGE CLOSURE**
[54] **DISPOSITIFS ET PROCEDES DE FERMETURE D'APPENDICE AURICULAIRE GAUCHE**
[72] CLARK, ROBERT L., III, US
[72] BRADLEY, ALAN L., US
[72] FUNG, GREGORY W., US
[71] SENTREHEART, INC., US
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[86] 2017-02-24 (PCT/US2017/019495)
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[25] EN
[54] **FLOOR AND CEILING PANEL FOR SLAB-FREE FLOOR SYSTEM OF A BUILDING**
[54] **PANNEAU DE PLANCHER ET DE PLAFOND POUR SYSTEME DE PLANCHER SANS DALLE D'UN BATIMENT**
[72] COLLINS, ARLAN, US
[72] WOERMAN, MARK, US
[71] INNOVATIVE BUILDING TECHNOLOGIES, LLC, US
[85] 2018-08-24
[86] 2017-03-07 (PCT/US2017/021168)
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[30] US (62/304,857) 2016-03-07

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[51] **Int.Cl. E04B 2/72 (2006.01) E04B 2/00 (2006.01) E04B 2/02 (2006.01) E04B 2/42 (2006.01) E04B 2/74 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **PREFABRICATED DEMISING WALL WITH EXTERNAL CONDUIT ENGAGEMENT FEATURES**
[54] **MUR MITOYEN PREFABRIQUE DOTE D'ELEMENTS DE PRISE DE CONDUIT EXTERNES**
[72] COLLINS, ARLAN, US
[72] WOERMAN, MARK, US
[71] INNOVATIVE BUILDING TECHNOLOGIES, LLC, US
[85] 2018-08-24
[86] 2017-03-07 (PCT/US2017/021174)
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[30] US (62/304,868) 2016-03-07

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[25] EN
[54] **WATERPROOFING ASSEMBLIES AND PREFABRICATED WALL PANELS INCLUDING THE SAME**
[54] **ENSEMBLES D'IMPERMEABILISATION ET PANNEAUX MURAUX PREFABRIQUES LES COMPRENANT**
[72] COLLINS, ARLAN, US
[72] WOERMAN, MARK, US
[71] INNOVATIVE BUILDING TECHNOLOGIES, LLC, US
[85] 2018-08-24
[86] 2017-03-07 (PCT/US2017/021177)
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[30] US (62/304,858) 2016-03-07

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[25] EN
[54] **A PRE-ASSEMBLED WALL PANEL FOR UTILITY INSTALLATION**
[54] **PANNEAU DE FACADE PRE-ASSEMBLE POUR INSTALLATION DE SERVICE PUBLIC**
[72] COLLINS, ARLAN, US
[72] WOERMAN, MARK, US
[71] INNOVATIVE BUILDING TECHNOLOGIES, LLC, US
[85] 2018-08-24
[86] 2017-03-07 (PCT/US2017/021179)
[87] (WO2017/156016)
[30] US (62/304,862) 2016-03-07

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[51] **Int.Cl. C07D 471/04 (2006.01) B01J 23/44 (2006.01)**
[25] EN
[54] **DIRECT PALLADIUM-CATALYZED AROMATIC FLUORINATION**
[54] **FLUORATION AROMATIQUE DIRECTE CATALYSEE PAR DU PALLADIUM**
[72] RITTER, TOBIAS, DE
[72] GARBER, JEFFREY, DE
[72] YAMAMOTO, KUMIKO, JP
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[71] STUDIENGESELLSCHAFT KOHLE MBH, DE
[85] 2018-08-24
[86] 2017-03-09 (PCT/US2017/021563)
[87] (WO2017/156265)
[30] US (62/305,711) 2016-03-09
[30] US (62/346,326) 2016-06-06

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[13] A1
[51] **Int.Cl. A61K 39/285 (2006.01) A61K 39/00 (2006.01) A61P 31/20 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 14/07 (2006.01) C07K 14/52 (2006.01) C12N 7/01 (2006.01) C12N 15/863 (2006.01)**
[25] EN
[54] **RECOMBINANT MVA OR MVA.DELTA.E3L EXPRESSING HUMAN FLT3L AND USE THEREOF AS IMMUNO-THERAPEUTIC AGENTS AGAINST SOLID TUMORS**
[54] **MVA OU MVADELE3L RECOMBINANT EXPRIMANT LE FLT3L HUMAIN ET LEUR UTILISATION COMME AGENTS IMMUNOTHERAPEUTIQUES CONTRE LES TUMEURS SOLIDES**
[72] DENG, LIANG, US
[72] SHUMAN, STEWART, US
[72] WOLCHOK, JEDD, US
[72] MERGHOUB, TAHA, US
[72] WANG, WEIYI, US
[72] DAI, PEIHONG, US
[72] YANG, NING, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2018-08-24
[86] 2017-02-25 (PCT/US2017/019549)
[87] (WO2017/147554)
[30] US (62/300,066) 2016-02-25
[30] US (62/418,786) 2016-11-07
[30] US (62/418,788) 2016-11-08

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[13] A1
[51] **Int.Cl. B66C 1/12 (2006.01) B66C 1/16 (2006.01)**
[25] EN
[54] **IMPROVED END CAP AND SPREADER BAR SYSTEM AND METHOD FOR SIZING SAME**
[54] **EMBOUT ET SYSTEME DE BARRE D'ECARTEMENT AMELIORES ET PROCEDE POUR DIMENSIONNER CEUX-CI**
[72] MYERS, CLAYTON P., US
[72] MCCULLOUGH, TIMOTHY L., US
[71] MYERS, CLAYTON P., US
[85] 2018-08-24
[86] 2017-02-27 (PCT/US2017/019773)
[87] (WO2017/147608)
[30] US (15/053,856) 2016-02-25
[30] US (15/249,001) 2016-08-26

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[13] A1
[51] **Int.Cl. C07F 9/02 (2006.01) C07H 19/04 (2006.01) C07H 19/10 (2006.01) C07H 21/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR PHOSPHORAMIDITE AND OLIGONUCLEOTIDE SYNTHESIS**
[54] **COMPOSITIONS ET PROCEDES DE SYNTHESE DE PHOSPHORAMIDITE ET D'OLIGONUCLEOTIDES**
[72] BUTLER, DAVID CHARLES DONNELL, US
[72] MARAPPAN, SUBRAMANIAN, US
[71] WAVE LIFE SCIENCES LTD., SG
[85] 2018-08-24
[86] 2017-03-13 (PCT/US2017/022135)
[87] (WO2017/160741)
[30] US (62/307,542) 2016-03-13

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[51] **Int.Cl. E06C 7/42 (2006.01) E06C 7/00 (2006.01) E06C 7/10 (2006.01) E06C 7/46 (2006.01)**
[25] EN
[54] **LADDER SUPPORT DEVICE AND METHOD FOR SECURING A LADDER TO A BASE**
[54] **DISPOSITIF DE SUPPORT D'ECHELLE ET PROCEDE DE FIXATION D'UNE ECHELLE A UNE BASE**
[72] KUMPREY, TROY, US
[71] KUMPREY LLC, US
[85] 2018-08-24
[86] 2017-02-27 (PCT/US2017/019781)
[87] (WO2017/151527)
[30] US (62/301,586) 2016-02-29
[30] US (62/426,332) 2016-11-25

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[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **SOFTWARE DEFINED NETWORK (SDN) QUALITY-OF-SERVICE (QOS)**
[54] **QUALITE DE SERVICE (QOS) DE RESEAU DEFINI PAR LOGICIEL (SDN)**
[72] BALMAKHTAR, MAROUANE, US
[72] RAJAGOPAL, ARUN, US
[71] SPRINT COMMUNICATIONS COMPANY L.P., US
[85] 2018-08-24
[86] 2017-02-28 (PCT/US2017/019835)
[87] (WO2017/151550)
[30] US (15/057,300) 2016-03-01

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[13] A1
[51] **Int.Cl. F16C 11/06 (2006.01) B62D 7/16 (2006.01)**
[25] EN
[54] **RESTRICTED SWING ANGLE SOCKET ASSEMBLY**
[54] **ENSEMBLE DOUILLE A ANGLE D'OSCILLATION RESTREINT**
[72] YAWORSKY, EVAN T., US
[72] ELTERMAN, JAMES J., US
[71] FEDERAL-MOGUL MOTORPARTS LLC, US
[85] 2018-08-24
[86] 2017-02-28 (PCT/US2017/019848)
[87] (WO2017/151557)
[30] US (15/057,703) 2016-03-01

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[13] A1
[51] **Int.Cl. G06F 7/06 (2006.01) G06Q 10/08 (2012.01) G06Q 30/06 (2012.01) H04L 12/24 (2006.01)**
[25] EN
[54] **OPTIMISTIC PRODUCT ORDER RESERVATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE RESERVATION DE COMMANDE DE PRODUIT OPTIMISTE**
[72] RAMAMURTHY, HARI, US
[72] BROWN, ANGIE, US
[72] GAMBLE, THOMAS, US
[72] JACOBS, STEPHEN, US
[72] STORMES, TODD, US
[71] HOME DEPOT INTERNATIONAL, INC., US
[85] 2018-08-24
[86] 2017-03-02 (PCT/US2017/020317)
[87] (WO2017/155767)
[30] US (15/062,075) 2016-03-05

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[51] **Int.Cl. G06F 12/00 (2006.01) G06Q 10/06 (2012.01) G06Q 10/08 (2012.01) G06Q 30/06 (2012.01) G06F 15/16 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **OFFLINE PRODUCT ORDER RESERVATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE RESERVATION DE COMMANDE DE PRODUIT HORS LIGNE**
[72] RAMAMURTHY, HARI, US
[72] BROWN, ANGIE, US
[72] GAMBLE, THOMAS, US
[72] JACOBS, STEPHEN, US
[72] ROGERS, DAVID, US
[71] HOME DEPOT INTERNATIONAL, INC., US
[85] 2018-08-24
[86] 2017-03-02 (PCT/US2017/020324)
[87] (WO2017/155768)
[30] US (15/062,081) 2016-03-05

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[13] A1
[51] **Int.Cl. E21B 49/00 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **SEQUENTIAL FULLY IMPLICIT WELL MODEL WITH TRIDIAGONAL MATRIX STRUCTURE FOR RESERVOIR SIMULATION**
[54] **MODELE DE PUITS SEQUENTIEL ENTIEREMENT IMPLICITE AVEC STRUCTURE DE MATRICE TRIDIAGONALE POUR SIMULATION DE RESERVOIR**
[72] DOGRU, ALI H., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2018-08-24
[86] 2017-03-02 (PCT/US2017/020327)
[87] (WO2017/151844)
[30] US (15/061,628) 2016-03-04

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[13] A1
[51] **Int.Cl. B25B 27/06 (2006.01) B23P 19/02 (2006.01)**
[25] EN
[54] **U-JOINT TOOL SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'OUTIL DESTINES A UN RACCORD EN U**
[72] ANDREWS, MICHAEL, CA
[71] TIGER TOOL INTERNATIONAL INCORPORATED, CA
[85] 2018-08-24
[86] 2017-03-02 (PCT/US2017/020496)
[87] (WO2017/151953)
[30] US (62/303,755) 2016-03-04

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[13] A1
[51] **Int.Cl. G10L 19/16 (2013.01) G10L 19/012 (2013.01) G06F 3/16 (2006.01) H03G 3/34 (2006.01) G06F 13/38 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR HANDLING SILENCE IN AUDIO STREAMS**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DE SILENCE DANS DES FLUX AUDIO**
[72] AMARILIO, LIOR, US
[72] GIL, AMIT, US
[72] SCHNITZER, ODED, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-08-24
[86] 2017-03-03 (PCT/US2017/020587)
[87] (WO2017/172257)
[30] US (15/087,208) 2016-03-31

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0295 (2006.01) A61N 1/00 (2006.01)**
[25] EN
[54] **MULTI-FORMAT, MULTI-DOMAIN AND MULTI-ALGORITHM METALEARNER SYSTEM AND METHOD FOR MONITORING HUMAN HEALTH, AND DERIVING HEALTH STATUS AND TRAJECTORY**
[54] **SYSTEME ET PROCEDE DE META-APPRENTISSAGE MULTIFORMAT, MULTI-DOMAINE ET MULTI-ALGORITHME PERMETTANT DE SURVEILLER LA SANTE HUMAINE ET DE DERIVER UN ETAT ET UNE TRAJECTOIRE DE SANTE**
[72] BRUNNER, DANIELA, US
[71] BRUNNER, DANIELA, US
[85] 2018-08-24
[86] 2017-02-25 (PCT/US2017/019547)
[87] (WO2017/147552)
[30] US (62/300,248) 2016-02-26

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[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) C12N 15/79 (2006.01)**
[25] EN
[54] **CONNEXIN (CX)43 HEMICHANNEL-BINDING ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS SE LIANT AUX HEMICANAUX DE LA CONNEXINE (CX) 43 ET LEURS UTILISATIONS**
[72] JIANG, JEAN X., US
[72] AN, ZHIQIANG, US
[72] ZHANG, NINGYAN, US
[72] XIONG, WEI, US
[72] RIQUELME, MANUEL A., US
[72] GU, SUMIN, US
[72] SAYRE, NAOMI LEDENE, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-08-24
[86] 2017-02-27 (PCT/US2017/019605)
[87] (WO2017/147561)
[30] US (62/300,492) 2016-02-26

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[13] A1
[51] **Int.Cl. H04B 17/30 (2015.01) H04W 24/00 (2009.01) H04W 84/18 (2009.01) H02M 7/537 (2006.01) H03B 5/08 (2006.01)**
[25] EN
[54] **TRANSFORMING VOLTAGE IN A VOLTAGE CONTROLLED OSCILLATOR FOR WIRELESS SENSOR DEVICES**
[54] **TRANSFORMATION DE TENSION DANS UN OSCILLATEUR COMMANDE EN TENSION POUR DES DISPOSITIFS DE CAPTEUR SANS FIL**
[72] YAVORSKYY, VOLODYMYR, CA
[72] MANKU, TAJINDER, CA
[71] COGNITIVE SYSTEMS CORP., CA
[85] 2018-08-27
[86] 2016-12-13 (PCT/CA2016/051462)
[87] (WO2017/136916)
[30] US (15/019,480) 2016-02-09

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[13] A1
[51] **Int.Cl. B32B 7/10 (2006.01) B05D 1/00 (2006.01) B05D 3/00 (2006.01) B32B 37/26 (2006.01) F02C 7/00 (2006.01) F04D 29/02 (2006.01) F04D 29/40 (2006.01)**
[25] EN
[54] **COATING FOR LINING A COMPRESSOR CASE**
[54] **REVETEMENT POUR REVETIR UN CARTER DE COMPRESSEUR**
[72] CRAWFORD, GRAEME EDWARD, CA
[72] KAATZ, CHAD CHRISTIAN, CA
[72] ROBERGE, DOUGLAS MICHAEL, CA
[72] THOMAS, WAYNE WILFRED, CA
[72] WITKOWSKA, IZABELA, CA
[71] STANDARD AERO LIMITED, CA
[85] 2018-08-27
[86] 2017-02-24 (PCT/CA2017/050244)
[87] (WO2017/143455)
[30] US (62/300,649) 2016-02-26

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[13] A1
[51] **Int.Cl. A61G 5/10 (2006.01) A61G 5/02 (2006.01) A61G 5/08 (2006.01)**
[25] EN
[54] **WHEELCHAIR BACKREST AND REAR WHEEL ASSEMBLY**
[54] **DOSSIER DE FAUTEUIL ROULANT ET ENSEMBLE ROUE ARRIERE**
[72] COUTURE, PIERRE-ANDRE, CA
[72] ARCHAMBAULT, MICHAEL, CA
[72] BLEAU, ALEXANDRE, CA
[72] LAMARRE, MAXIME, CA
[72] STEPHANI, ALEC, CA
[72] GINGRAS, DAVID, CA
[71] MOTION COMPOSITES INC, CA
[85] 2018-08-27
[86] 2017-03-01 (PCT/CA2017/050274)
[87] (WO2017/147703)
[30] US (62/301,939) 2016-03-01
[30] US (62/310,036) 2016-03-18

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[13] A1
[51] **Int.Cl. H01Q 9/00 (2006.01) H01Q 21/00 (2006.01) H01Q 21/29 (2006.01)**
[25] EN
[54] **WIDEBAND MULTI-LEVEL ANTENNA ELEMENT AND ANTENNA ARRAY**
[54] **ELEMENT D'ANTENNE MULTINIVEAU A LARGE BANDE ET RESEAU D'ANTENNES**
[72] SHEN, LIN-PING, CA
[72] WANG, HUA, CA
[72] LOTZ, WILLI MANFRED, CA
[72] GAVRILOVIC, MINYA, CA
[71] COMMUNICATION COMPONENTS ANTENNA INC., CA
[85] 2018-08-27
[86] 2017-03-17 (PCT/CA2017/050342)
[87] (WO2017/156635)
[30] US (62/309,844) 2016-03-17

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[13] A1
[51] **Int.Cl. A61G 5/10 (2006.01) A61G 5/02 (2006.01) A61G 5/08 (2006.01)**
[25] EN
[54] **A SPACING BAR OF A WHEELCHAIR FRAME**
[54] **BARRE D'ESPACEMENT D'UN CHASSIS DE FAUTEUIL ROULANT**
[72] ARCHAMBAULT, MICHAEL, CA
[72] BLEAU, ALEXANDRE, CA
[72] COUTURE, PIERRE-ANDRE, CA
[72] LAMARRE, MAXIME, CA
[72] GINGRAS, DAVID, CA
[71] MOTION COMPOSITES INC, CA
[85] 2018-08-27
[86] 2017-03-01 (PCT/CA2017/050275)
[87] (WO2017/147704)
[30] US (62/301,939) 2016-03-01
[30] US (62/310,036) 2016-03-18

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[13] A1
[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/519 (2006.01)**
[25] EN
[54] **BRIDGED BICYCLIC INHIBITORS OF MENIN-MLL AND METHODS OF USE**
[54] **INHIBITEURS BICYCLIQUES PONTES DE MENINE-MLL ET METHODES D'UTILISATION**
[72] WU, TAO, US
[72] LI, LIANSHENG, US
[72] WANG, YI, US
[72] REN, PINGDA, US
[72] GREMBECKA, JOLANTA, US
[72] CIERPICKI, TOMASZ, US
[72] KLOSSOWSKI, SZYMON, US
[72] POLLOCK, JONATHAN, US
[72] BORKIN, DMITRY, US
[71] KURA ONCOLOGY, INC., US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2018-08-24
[86] 2017-03-15 (PCT/US2017/022535)
[87] (WO2017/161002)
[30] US (62/309,362) 2016-03-16
[30] US (62/431,387) 2016-12-07

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[13] A1
[51] **Int.Cl. A61K 31/722 (2006.01) A61P 31/00 (2006.01) A61P 31/04 (2006.01) C08B 37/08 (2006.01)**
[25] EN
[54] **METHOD FOR ACCELERATING INVOLUTION AND PREVENTING INFECTION OF THE MAMMARY GLAND AT DRYING-OFF**
[54] **HYDROGELS A BASE DE CHITOSANE POUR ACCELERER L'INVOLUTION ET PREVENIR L'INFECTION DE LA GLANDE MAMMAIRE LORS DU TARISSEMENT**
[72] LACASSE, PIERRE, CA
[72] LANCTOT, SAMUEL, CA
[72] FUSTIER, PATRICK, CA
[72] BEGIN, ANDRE, ZZ
[72] TAHERIAN, ALI R., CA
[72] BISAKOWSKI, BARBARA, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF AGRICULTURE AND AGRI-FOOD, CA
[85] 2018-08-27
[86] 2017-03-16 (PCT/CA2017/050339)
[87] (WO2017/156632)
[30] US (62/310,025) 2016-03-18

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[13] A1
[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED INHIBITORS OF MENIN-MLL AND METHODS OF USE**
[54] **INHIBITEURS SUBSTITUES DE MENINE-MLL ET METHODES D'UTILISATION**
[72] WU, TAO, US
[72] LI, LIANSHENG, US
[72] WANG, YI, US
[72] REN, PINGDA, US
[72] GREMBECKA, JOLANTA, US
[72] CIERPICKI, TOMASZ, US
[72] KLOSSOWSKI, SZYMON, US
[72] POLLOCK, JONATHAN, US
[72] BORKIN, DMITRY, US
[71] KURA ONCOLOGY, INC., US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2018-08-24
[86] 2017-03-15 (PCT/US2017/022564)
[87] (WO2017/161028)
[30] US (62/309,372) 2016-03-16
[30] US (62/334,369) 2016-05-10
[30] US (62/431,389) 2016-12-07
[30] US (62/446,640) 2017-01-16

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[13] A1
[51] **Int.Cl. C09K 8/05 (2006.01) E21B 21/00 (2006.01) E21B 33/138 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR SHALE STABILIZATION**
[54] **COMPOSITIONS ET PROCEDES POUR LA STABILISATION DE L'ARGILE SCHISTEUSE**
[72] HANSON, DEVON ERICK, CA
[72] MA, KUANGBIAO, CA
[72] DUBBERLEY, STUART, CA
[72] DEWIT, MATTHEW, CA
[71] SECURE ENERGY (DRILLING SERVICES) INC., CA
[85] 2018-08-27
[86] 2017-03-02 (PCT/CA2017/050287)
[87] (WO2017/147712)
[30] US (62/302,499) 2016-03-02

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[13] A1
[51] **Int.Cl. A61K 38/45 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **BIOAVAILABLE POLYAMINES**
[54] **POLYAMIDES BIODISPONIBLES**
[72] BURNS, MARK R., US
[71] AMINEX THERAPEUTICS, INC., US
[85] 2018-08-24
[86] 2017-03-20 (PCT/US2017/023250)
[87] (WO2017/165313)
[30] US (62/313,657) 2016-03-25

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[13] A1
[51] **Int.Cl. A61G 5/10 (2006.01) A61G 5/02 (2006.01) A61G 5/12 (2006.01) A61G 5/08 (2006.01)**
[25] EN
[54] **WHEELCHAIR FRAME**
[54] **CADRE DE FAUTEUIL ROULANT**
[72] BLEAU, ALEXANDRE, CA
[72] ARCHAMBAULT, MICHAEL, CA
[72] COUTURE, PIERRE-ANDRE, CA
[72] STEPHANI, ALEC, CA
[72] LAMARRE, MAXIME, CA
[72] GINGRAS, DAVID, CA
[71] MOTION COMPOSITES INC, CA
[85] 2018-08-27
[86] 2017-03-01 (PCT/CA2017/050276)
[87] (WO2017/147705)
[30] US (62/301,939) 2016-03-01
[30] US (62/310,036) 2016-03-18

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[13] A1
[51] **Int.Cl. H04W 72/12 (2009.01) H04W 52/02 (2009.01) H04W 56/00 (2009.01) H04W 74/06 (2009.01) H04W 84/12 (2009.01)**
[25] EN
[54] **WIRELESS COMMUNICATION INVOLVING A WAKE TIME PERIOD FOR A STATION**
[54] **COMMUNICATION SANS FIL IMPLIQUANT UNE PERIODE DE TEMPS D'ACTIVATION POUR UNE STATION**
[72] ASTERJADHI, ALFRED, US
[72] CHERIAN, GEORGE, US
[72] MERLIN, SIMONE, US
[72] HOMCHAUDHURI, SANDIP, US
[72] JIA, ZHANFENG, US
[72] KUMAR, SUMEET, US
[72] YENGANTI, PRADEEP KUMAR, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-08-24
[86] 2017-03-28 (PCT/US2017/024563)
[87] (WO2017/172785)
[30] US (62/314,360) 2016-03-28
[30] US (15/470,645) 2017-03-27

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[13] A1
[51] **Int.Cl. B25B 27/06 (2006.01) B25B 27/073 (2006.01)**
[25] EN
[54] **BEARING RACE INSTALLER/REMOVER**
[54] **DISPOSITIF D'INSTALLATION/RETRAIT DE PISTE DE PALIER**
[72] ANDREWS, MICHAEL, CA
[71] TIGER TOOL INTERNATIONAL INCORPORATED, CA
[85] 2018-08-24
[86] 2017-04-14 (PCT/US2017/027724)
[87] (WO2017/181078)
[30] US (62/323,076) 2016-04-15

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[13] A1
[51] **Int.Cl. B32B 27/32 (2006.01) B32B 3/30 (2006.01) C08J 5/18 (2006.01)**
[25] EN
[54] **MULTILAYER SEALING FILM AND FILM LAMINATE COMPRISING A MULTILAYER SEALING FILM**
[54] **FEUILLE DE SCELLEMENT MULTICOUCHE ET FEUILLE STRATIFIEE MUNIE D'UNE FEUILLE DE SCELLEMENT MULTICOUCHE**
[72] GREFENSTEIN, ACHIM, DE
[72] GETTNER, WERNER, DE
[72] GEILLERSDORFER, INGO, DE
[71] CONSTANTIA HUECK FOLIEN GMBH & CO. KG, DE
[85] 2018-08-27
[86] 2016-03-14 (PCT/EP2016/055406)
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[25] EN
[54] **SYSTEMS AND METHODS FOR CREATING SUBTOKENS USING PRIMARY TOKENS**
[54] **SYSTEMES ET PROCEDES DE CREATION DE SOUS-JETONS AU MOYEN DE JETONS PRIMAIRES**
[72] WONG, ERICK, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2018-08-24
[86] 2017-05-18 (PCT/US2017/033353)
[87] (WO2017/201301)
[30] US (15/158,926) 2016-05-19

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[51] **Int.Cl. A61B 17/12 (2006.01)**
[25] EN
[54] **DEVICE AND SYSTEM FOR RESTRICTING FLUID FLOW IN PHYSIOLOGICAL VESSELS**
[54] **DISPOSITIF ET SYSTEME POUR LIMITER UN ECOULEMENT DE LIQUIDE DANS DES VAISSEAUX PHYSIOLOGIQUES**
[72] REYNOLDS, ROB, DE
[71] ELBE VALLEY MEDICAL LTD., IE
[85] 2018-08-27
[86] 2017-02-08 (PCT/EP2017/052760)
[87] (WO2017/153114)
[30] GB (1604074.3) 2016-03-09
[30] IE (S2016/0261) 2016-11-22

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[51] **Int.Cl. B01F 7/04 (2006.01) B01F 15/02 (2006.01) B28C 5/12 (2006.01)**
[25] EN
[54] **MIXER, SYSTEM FOR APPLYING A BUILDING MATERIAL AND METHOD FOR PRODUCING A STRUCTURE FROM BUILDING MATERIAL**
[54] **MELANGEUR, SYSTEME POUR APPLIQUER UN MATERIAU DE CONSTRUCTION ET PROCEDE POUR FABRIQUER UNE STRUCTURE EN MATERIAU DE CONSTRUCTION**
[72] KUHN, PATRICK, CH
[72] BRUHWILER, ARMIN, CH
[72] BOURQUIN, RAPHAEL, CH
[72] LOOTENS, DIDIER, CH
[72] OBLAK, LUKA, CH
[71] SIKA TECHNOLOGY AG, CH
[85] 2018-08-27
[86] 2017-03-01 (PCT/EP2017/054824)
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[51] **Int.Cl. C08J 11/10 (2006.01) C08J 3/20 (2006.01) C08L 91/06 (2006.01)**
[25] EN
[54] **WAX AS A MELT FLOW MODIFIER AND PROCESSING AID FOR POLYMERS**
[54] **CIRE UTILISEE EN TANT QUE MODIFICATEUR D'ECOULEMENT A L'ETAT FONDU ET AUXILIAIRE DE TRAITEMENT POUR DES POLYMERES**
[72] DIMONDO, DOMENIC, CA
[71] GREENMANTRA RECYCLING TECHNOLOGIES LTD., CA
[85] 2018-08-24
[86] 2017-03-24 (PCT/CA2017/050378)
[87] (WO2017/161463)
[30] US (62/312,899) 2016-03-24

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[13] A1
[51] **Int.Cl. A47B 91/02 (2006.01)**
[25] EN
[54] **COMPACT FRONT REGULATION SYSTEM FOR LEVELING FEET FOR FURNITURE**
[54] **SYSTEME DE REGLAGE AVANT COMPACT POUR METTRE DE NIVEAU DES PIEDS DE MEUBLES**
[72] CATTANEO, CARLO, IT
[71] LEONARDO S.R.L., IT
[85] 2018-08-27
[86] 2017-02-27 (PCT/EP2017/054439)
[87] (WO2017/153188)
[30] IT (102016000024683) 2016-03-09

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[51] **Int.Cl. B64C 27/28 (2006.01) B64C 27/82 (2006.01) B64C 29/00 (2006.01)**
[25] EN
[54] **CONVERTIBLE ROTOR AIRCRAFT**
[54] **AERONEF A VOILURE TOURNANTE CONVERTIBLE**
[72] NETZER, YOAV, DE
[71] NETZER, YOAV, DE
[85] 2018-08-27
[86] 2016-03-10 (PCT/IB2016/051353)
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[51] **Int.Cl. C23C 2/26 (2006.01) C22C 18/00 (2006.01) C22C 18/04 (2006.01) C22C 21/10 (2006.01) C23C 2/06 (2006.01) C23C 2/40 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING BLACK PLATED STEEL SHEET, APPARATUS FOR MANUFACTURING BLACK PLATED STEEL SHEET, AND SYSTEM FOR MANUFACTURING BLACK PLATED STEEL SHEET**
[54] **PROCEDE DE FABRICATION DE TOLE D'ACIER PLAQUEE NOIRE, APPAREIL DE FABRICATION DE TOLE D'ACIER PLAQUEE NOIRE, ET SYSTEME DE FABRICATION DE TOLE D'ACIER PLAQUEE NOIRE**
[72] NAKANO, TADASHI, JP
[72] UENO, SHIN, JP
[72] YAMAMOTO, MASAYA, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2018-08-27
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[51] **Int.Cl. E21B 10/36 (2006.01) E21B 17/07 (2006.01)**
[25] EN
[54] **DOWN-THE-HOLE HAMMER DRILL BIT RETAINING ASSEMBLY**
[54] **ENSEMBLE RETENUE DE TAILLANT DE MARTEAU PERFORATEUR FOND DE TROU**
[72] BRUANDET, OLIVIER, FI
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2018-08-27
[86] 2017-03-01 (PCT/EP2017/054707)
[87] (WO2017/148978)
[30] EP (16158627.6) 2016-03-04

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[51] **Int.Cl. C08G 63/08 (2006.01) C09J 5/06 (2006.01) C09J 167/04 (2006.01)**
[25] EN
[54] **NON-REACTIVE HOT-MELT ADHESIVE WITH LACTIDE-BASED COPOLYMER**
[54] **ADHESIF THERMOFUSIBLE NON REACTIF PRESENTANT UN COPOLYMERE A BASE DE LACTIDE**
[72] SCHAEKENS, CHRIS FRANCOIS HUBERT, NL
[72] BRAAM, KEVIN BERNARDUS, NL
[72] VERKERK, JESSIE RICHARDA ANNA, NL
[71] PURAC BIOCHEM BV, NL
[85] 2018-08-27
[86] 2017-03-01 (PCT/EP2017/054782)
[87] (WO2017/149019)
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[51] **Int.Cl. B28B 7/00 (2006.01) B28B 7/24 (2006.01)**
[25] EN
[54] **MOLD FRAME HAVING A DISPLACEABLE MOLD WALL, USE OF THE MOLD FRAME AS WELL AS A MOLD WALL SYSTEM HAVING A DISPLACEABLE MOLD WALL**
[54] **CADRE DE MOULAGE A PAROI DEPLACABLE, UTILISATION DU CADRE DE MOULAGE ET SYSTEME DE PAROIS DE MOULAGE COMPRENANT UNE PAROI DEPLACABLE**
[72] OTT, JOSEF, US
[72] GRIFFITH, TOM, CA
[72] WORZ, ANDREAS, DE
[71] RAMPF FORMEN GMBH, DE
[85] 2018-08-27
[86] 2017-03-01 (PCT/EP2017/000278)
[87] (WO2017/148585)
[30] DE (10 2016 002 435.6) 2016-03-01

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[13] A1
[51] **Int.Cl. C12G 1/00 (2006.01) C12G 1/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR LOADING A PLANT PRODUCT INSIDE A FERMENTATION TANK**
[54] **APPAREIL ET PROCEDE DE CHARGEMENT D'UN PRODUIT VEGETAL A L'INTERIEUR D'UNE CUVE DE FERMENTATION**
[72] CROSATO, BRUNO, IT
[71] NOFORM SRL, IT
[85] 2018-08-27
[86] 2017-02-25 (PCT/IB2017/051106)
[87] (WO2017/145123)
[30] IT (102016000020430) 2016-02-26

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[13] A1
[51] **Int.Cl. G01N 27/72 (2006.01)**
[25] EN
[54] **METHOD FOR INSPECTING ELECTROCONDUCTIVE COMPOSITE MATERIAL AND DEVICE FOR INSPECTING ELECTROCONDUCTIVE COMPOSITE MATERIAL**
[54] **PROCEDE D'INSPECTION DE MATERIAU COMPOSITE ELECTROCONDUCTEUR ET DISPOSITIF D'INSPECTION DE MATERIAU COMPOSITE ELECTROCONDUCTEUR**
[72] KAWAI, HIROKI, JP
[72] TSUDA, AKINORI, JP
[72] HATANAKA, HIROAKI, JP
[72] YAMAGUCHI, YUICHI, JP
[72] INAGAKI, KOICHI, JP
[71] IHI CORPORATION, JP
[85] 2018-08-27
[86] 2016-08-15 (PCT/JP2016/073832)
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[30] JP (2016-052606) 2016-03-16

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[51] **Int.Cl. H04W 56/00 (2009.01) H04W 16/28 (2009.01) H04W 16/32 (2009.01) H04W 28/16 (2009.01)**
[25] EN
[54] **COMMUNICATION SYSTEM AND SMALL-CELL BASE STATION**
[54] **SYSTEME DE COMMUNICATION ET STATION DE BASE DE PETITE CELLULE**
[72] SHIOBARA, SHOTA, JP
[72] OKAMAWARI, TAKAO, JP
[72] FUJII, TERUYA, JP
[71] SOFTBANK CORP., JP
[85] 2018-08-27
[86] 2017-01-30 (PCT/JP2017/003119)
[87] (WO2017/150033)
[30] JP (2016-037157) 2016-02-29

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[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/06 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **LOOSELY ASSEMBLED WELLBORE ISOLATION ASSEMBLY**
[54] **ENSEMBLE D'ISOLATION DE PUITS DE FORAGE ASSEMBLE DE MANIERE LACHE**
[72] SCHMIDT, DANIEL LEE, US
[72] NORMAN, TYLER JOSEPH, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-08-27
[86] 2016-05-12 (PCT/US2016/032086)
[87] (WO2017/196341)

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[51] **Int.Cl. B29C 45/76 (2006.01) B29C 45/70 (2006.01)**
[25] EN
[54] **MOLD CLAMP CONTROL METHOD FOR INJECTION MOLDING MACHINE HAVING TOGGLE-TYPE MOLD CLAMPING MECHANISM**
[54] **PROCEDE DE COMMANDE DE SERRAGE DE MOULE POUR UNE MACHINE DE MOULAGE PAR INJECTION PRESENTANT UN MECANISME DE SERRAGE DE MOULE DE TYPE A GRENOUILLERE**
[72] OKAMOTO, AKIO, JP
[72] MIYAMOTO, KAZUAKI, JP
[71] UBE MACHINERY CORPORATION, LTD., JP
[85] 2018-08-27
[86] 2017-03-23 (PCT/JP2017/011697)
[87] (WO2017/164303)
[30] JP (2016-059315) 2016-03-24

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[51] **Int.Cl. C07C 45/50 (2006.01) C07C 47/12 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING DIALDEHYDE COMPOUND**
[54] **PROCEDE DE PRODUCTION DE COMPOSE DIALDEHYDE**
[72] TSURUTA, TAKUO, JP
[72] MINAMOTO, NAOYA, JP
[72] OMATSU, TOSHIHIRO, JP
[71] KURARAY CO., LTD., JP
[85] 2018-08-27
[86] 2017-02-23 (PCT/JP2017/006866)
[87] (WO2017/150337)
[30] JP (2016-038623) 2016-03-01

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[13] A1
[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/315 (2006.01) A61M 5/14 (2006.01)**
[25] EN
[54] **SYRINGE PLUNGER WITH HINGED FLANGE**
[54] **PISTON DE SERINGUE AVEC BRIDE ARTICULEE**
[72] DAVIS, BENJAMIN M., US
[71] NEOMED, INC., US
[85] 2018-08-27
[86] 2017-02-22 (PCT/US2017/018957)
[87] (WO2017/147192)
[30] US (62/299,604) 2016-02-25

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[51] **Int.Cl. C05B 17/00 (2006.01) C05D 3/02 (2006.01) C05D 5/00 (2006.01) C05D 9/00 (2006.01) C05G 3/00 (2006.01)**
[25] EN
[54] **MINERAL FERTILIZER**
[54] **ENGRAIS MINERAL**
[72] LASKOWSKA, GENOWEFA HENRYKA, PL
[72] INSADOWSKI, MARIAN BOGUSLAW, PL
[71] LASKOWSKA, GENOWEFA HENRYKA, PL
[71] INSADOWSKI, MARIAN BOGUSLAW, PL
[85] 2018-08-27
[86] 2016-02-29 (PCT/PL2016/000020)
[87] (WO2017/150992)

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[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SUPPRESSING VESTIBULAR ACTIVITY OF A HUMAN SUBJECT**
[54] **SYSTEME ET PROCEDE POUR SUPPRIMER L'ACTIVITE VESTIBULAIRE D'UN SUJET HUMAIN**
[72] GALEA, ANNA M., US
[72] CEVETTE, MICHAEL J., US
[72] PRADHAN, GAURAV N., US
[72] STEPANEK, JAN, US
[72] COCCO, DANIELA, US
[72] OAKLEY HOLBERT, SARAH, US
[72] SCHEIBLER, LINSEY S., US
[72] BOGLE, JAMIE M., US
[71] VIVONICS, INC., US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[85] 2018-08-27
[86] 2017-02-06 (PCT/US2017/016694)
[87] (WO2017/165001)
[30] US (15/079,445) 2016-03-24

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[13] A1
[51] **Int.Cl. G01N 27/80 (2006.01) G01N 29/04 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM AND METHOD FOR AUTOMATED NONDESTRUCTIVE INSPECTION OF METAL STRUCTURES**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DE CONTROLE NON-DESTRUCTIF AUTOMATISE DES CONSTRUCTIONS METALLIQUES**
[72] FEDOSOVSKY, MIKHAIL EVGENIEVICH, RU
[72] SOKOLOV, MIKHAIL VLADIMIROVICH, RU
[72] IVANOV, DANIIL VITALYEVICH, RU
[71] JOINT STOCK COMPANY "DIAKONT", RU
[85] 2018-08-27
[86] 2016-04-18 (PCT/RU2016/000219)
[87] (WO2017/146605)
[30] RU (2016106942) 2016-02-26

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[51] **Int.Cl. G06F 17/50 (2006.01)**
[25] EN
[54] **MATERIAL SHAPE SIMULATION APPARATUS, MATERIAL SHAPE SIMULATION METHOD, AND THREE-DIMENSIONAL WOVEN FIBER COMPONENT MANUFACTURING METHOD**
[54] **DISPOSITIF DE SIMULATION DE FORME DE MATERIAU, PROCEDE DE SIMULATION DE FORME DE MATERIAU ET PROCEDE DE FABRICATION D'ARTICLE EN FIBRES TISSEES EN TROIS DIMENSIONS**
[72] HISHIDA, HIROYUKI, JP
[72] INAGAKI, KOICHI, JP
[72] NAKAMURA, TAKESHI, JP
[72] WATANABE, FUMIAKI, JP
[72] MORIOKA, KOTARO, JP
[72] OHTAKE, YUTAKA, JP
[72] SUZUKI, HIROMASA, JP
[72] NAGAI, YUKIE, JP
[71] IHI CORPORATION, JP
[71] THE UNIVERSITY OF TOKYO, JP
[85] 2018-08-27
[86] 2017-02-06 (PCT/JP2017/004287)
[87] (WO2017/150087)
[30] JP (2016-037814) 2016-02-29

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[13] A1
[51] **Int.Cl. E21B 34/06 (2006.01) F16K 5/06 (2006.01) F16K 5/08 (2006.01)**
[25] EN
[54] **METAL TO METAL SINGLE BALL SEAT SYSTEM**
[54] **SYSTEME DE SIEGE DE BILLE UNIQUE METAL-METAL**
[72] INGLIS, PETER DEREK WALTER, GB
[72] ECHOLS III, RALPH HARVEY, US
[71] HALLIBURTON ENERGY SERVICES,INC., US
[85] 2018-08-27
[86] 2016-04-20 (PCT/US2016/028353)
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[51] **Int.Cl. A01N 37/44 (2006.01) A01N 37/06 (2006.01) A01P 17/00 (2006.01)**
[25] EN
[54] **INSECT REPELLENT**
[54] **INSECTIFUGE**
[72] ALBRIGHT, ROBERT B., US
[72] RICHMAN, DINA L., US
[72] CALDWELL, NATHAN D., US
[72] BLACK, BRUCE C., US
[71] FMC CORPORATION, US
[85] 2018-08-27
[86] 2017-02-28 (PCT/US2017/019832)
[87] (WO2017/151549)
[30] US (62/301,364) 2016-02-29

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[51] **Int.Cl. H04W 4/00 (2018.01) H04W 72/00 (2009.01) H04W 72/04 (2009.01) H04W 72/08 (2009.01)**
[25] EN
[54] **INTER-CELL FRACTIONAL FREQUENCY REUSE SCHEDULER**
[54] **DISPOSITIF DE PLANIFICATION DE REUTILISATION DE FREQUENCE FRACTIONNAIRE INTER-CELLULE**
[72] RAO, PRASHANTH, US
[72] TALLURI, MURALI, US
[72] PUVVADI, PRAVEEN, US
[72] CHUGH, MOHIT, US
[72] AGARWAL, KAITKI, US
[72] KUMAR, ANOOP, US
[72] ANJUM, SYED, US
[72] PANDEY, SANTOSH, US
[72] QURESHI, SHARIQUE, US
[71] PARALLEL WIRELESS, INC., US
[85] 2018-08-27
[86] 2017-01-13 (PCT/US2017/013577)
[87] (WO2017/124046)
[30] US (62/278,319) 2016-01-13
[30] US (62/343,963) 2016-06-01

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[51] **Int.Cl. C08G 65/30 (2006.01) C07C 41/34 (2006.01) C07C 43/11 (2006.01)**
[25] EN
[54] **PROCESSING OF ALKALI-CATALYSED ALKOXYLATION PRODUCTS**
[54] **PREPARATION DE PRODUITS D'ALKOXYLATION CATALYSES EN MILIEU ALCALIN**
[72] SCHUBERT, FRANK, DE
[72] KNOTT, WILFRIED, DE
[72] VILLA, ANDREA, DE
[72] ZELLMER, VOLKER, DE
[72] WIENHOEFER, GERRIT, US
[71] EVONIK DEGUSSA GMBH, DE
[85] 2018-08-27
[86] 2017-03-06 (PCT/EP2017/055141)
[87] (WO2017/174272)
[30] EP (16163614.7) 2016-04-04

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[51] **Int.Cl. A61J 1/20 (2006.01) A61J 1/14 (2006.01) A61J 9/00 (2006.01)**
[25] EN
[54] **FLUID TRANSFER CONNECTOR**
[54] **RACCORD DE TRANSFERT DE FLUIDE**
[72] DAVIS, BENJAMIN M., US
[72] COSTELLO, MARK M., IE
[72] LEDWITH, BRIAN, IE
[71] NEOMED, INC., US
[85] 2018-08-27
[86] 2017-02-23 (PCT/US2017/019021)
[87] (WO2017/147233)
[30] US (62/299,210) 2016-02-24
[30] US (62/384,848) 2016-09-08
[30] US (62/423,484) 2016-11-17

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[51] **Int.Cl. C10B 47/40 (2006.01) C08J 11/12 (2006.01) C10B 47/44 (2006.01) C10B 53/07 (2006.01) F23G 5/027 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR TIRE CONVERSION INTO CARBON BLACK, LIQUID AND GASEOUS PRODUCTS**
[54] **SYSTEME ET PROCEDE DE CONVERSION DE PNEUS EN NOIR DE CARBONE ET EN PRODUITS LIQUIDES ET GAZEUX**
[72] KHUSIDMAN, VITALY B., US
[72] JORJADZE, VASILY, US
[72] MARSAGISHVILI, TAMAZ, GE
[72] PIKRISHVILI, AKAKI, GE
[72] TATISHVILI, GRIGOR, GE
[71] G3C TECHNOLOGIES CORPORATION, US
[85] 2018-08-27
[86] 2017-03-01 (PCT/US2017/020088)
[87] (WO2017/151706)
[30] US (62/303,729) 2016-03-04
[30] US (15/189,464) 2016-06-22

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[13] A1
[51] **Int.Cl. B65D 51/24 (2006.01)**
[25] EN
[54] **CONTAINER**
[54] **CONTENANT**
[72] PAULUS, KEVIN, US
[72] MCBROOM, JEREMY, US
[71] ABBOTT LABORATORIES, US
[85] 2018-08-27
[86] 2017-03-01 (PCT/US2017/020153)
[87] (WO2017/151739)
[30] US (62/302,327) 2016-03-02

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[51] **Int.Cl. A41D 13/018 (2006.01) A41D 13/00 (2006.01) A41D 13/015 (2006.01) A41D 13/05 (2006.01) A41F 9/02 (2006.01) A44B 11/00 (2006.01) A62B 35/04 (2006.01) B60R 21/18 (2006.01)**
[25] EN
[54] **AIRBAG ACTUATOR MOUNTED IN A CUSTOM BUCKLE FOR PERSONAL IMPACT PROTECTION SYSTEMS**
[54] **ACTIONNEUR D'AIRBAG MONTE SUR UNE BOUCLE PERSONNALISEE POUR SYSTEMES DE PROTECTION PERSONNELLE CONTE LES CHOCS**
[72] HYDE, AIDAN, US
[72] PERRY, DAVID, US
[72] SCHOON, DAVID, US
[72] SINGHATAT, WAMIS, US
[72] SUGALSKI, ERIC, US
[72] WENDEROTH, JON, US
[71] ACTIVE PROTECTIVE TECHNOLOGIES, INC., US
[85] 2018-08-27
[86] 2017-02-28 (PCT/US2017/019990)
[87] (WO2017/151645)
[30] US (62/301,157) 2016-02-29

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[13] A1
[51] **Int.Cl. A47C 27/07 (2006.01) A47C 7/33 (2006.01) A47C 23/043 (2006.01) A47C 27/06 (2006.01) B68G 9/00 (2006.01)**
[25] EN
[54] **POCKETED SPRING COMFORT LAYER AND METHOD OF MAKING SAME**
[54] **COUCHE DE CONFORT A RESSORTS ENSACHES ET PROCEDE DE FABRICATION DE CETTE DERNIERE**
[72] LONG, AUSTIN G., US
[71] L&P PROPERTY MANAGEMENT COMPANY, US
[85] 2018-08-27
[86] 2017-03-02 (PCT/US2017/020310)
[87] (WO2017/155766)
[30] US (15/062,318) 2016-03-07

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[13] A1
[51] **Int.Cl. C07D 417/04 (2006.01) A61K 31/427 (2006.01) A61K 31/4985 (2006.01) A61P 11/06 (2006.01) A61P 11/08 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **NOVEL INHIBITORS OF PHOSPHATIDYLINOSITOL 3-KINASE GAMMA**
[54] **NOUVEAUX INHIBITEURS DE LA PHOSPHATIDYLINOSITOL 3-KINASE GAMMA**
[72] MOGEMARK, MICKAEL, SE
[72] PEMBERTON, NILS, SE
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[72] ZLATOIDSKY, PAVOL, SE
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[72] TYRCHAN, CHRISTIAN, SE
[71] ASTRAZENECA AB, SE
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[54] **SYSTEME DE DETECTION DE LUMIERE ET DE TELEMETRIE PAR FAISCEAU PLAN**
[72] BOEHMKE, SCOTT, US
[71] UBER TECHNOLOGIES, INC., US
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[54] **PROCESS FOR IMPROVED COMPOSITE BOARD MANUFACTURE**
[54] **PROCEDE DE FABRICATION DE PANNEAUX COMPOSITES AMELIORES**
[72] CHAFFEE, TIMOTHY L., US
[72] VARNELL, DANIEL F., US
[71] SOLENIS TECHNOLOGIES, L.P., CH
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[54] **PRESS AND METHOD FOR MOLDING EXPANDED THERMOPLASTIC POLYMERS**
[54] **PRESSE ET PROCEDE DE MOULAGE DE POLYMERES THERMOPLASTIQUES EXPANSES**
[72] ALESSIO, GIANNI FRANCO, IT
[71] ALESSIOHITECH S.R.L., IT
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[54] **PERFORMANCE ANALYSIS USING PERFORMANCE COUNTERS AND TRACE LOGIC**
[54] **ANALYSE DE PERFORMANCES A L'AIDE DE COMPTEURS DE PERFORMANCES ET D'UNE LOGIQUE DE TRACE**
[72] BAARTMANS, SEAN TODD, US
[72] ZAIDI, ZAINAB, US
[71] QUALCOMM INCORPORATED, US
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[54] **ACTIVE COMPRESSION APPARATUS, METHODS OF ASSEMBLY AND METHODS OF USE**
[54] **APPAREIL DE COMPRESSION ACTIVE, PROCEDES D'ASSEMBLAGE ET PROCEDES D'UTILISATION**
[72] PALMER, ANDREW K., US
[72] BRENZEL, MICHAEL P., US
[72] HINDRICHS, PAUL J., US
[72] OGILVIE, WILLIAM F., US
[71] ACTIVORTHO, INC., US
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[54] **GUIDES D'ONDES DESTINES A ETRE UTILISES DANS DES CAPTEURS OU DES DISPOSITIFS D'AFFICHAGE**
[72] SHEPHERD, ROBERT, US
[72] ZHAO, HUICHAN, US
[72] HUANG, RUKANG, US
[72] BAI, HEDAN, US
[72] LI, SHUO, US
[71] CORNELL UNIVERSITY, US
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[54] **POLYSTYRENE CLARIFIED BLEND AND METHOD FOR MAKING SAME**
[54] **MELANGE CLARIFIE DE POLYSTYRENE ET PROCEDE POUR SA FABRICATION**
[72] MYERS, SUSAN GALUS, US
[72] GEYER, TODD A., US
[71] KLOCKNER PENTAPLAST OF AMERICA, INC., US
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[54] **MACHINES AND METHODS FOR MAKING FLATBREADS**
[54] **MACHINES ET PROCEDES DE PREPARATION DE GALETTES**
[72] LOTHE, SUDHIR P., US
[72] MCNEELY, JAMES NOAH, US
[72] MUNTNER, DONALD A., US
[71] SIMPLECIOUS LLC, US
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[54] **MEDIA SERVICE DELIVERY OVER A WIRELESS RELAY IN A DATA COMMUNICATION NETWORK**
[54] **DISTRIBUTION DE SERVICE MULTIMEDIA SUR UN RELAIS SANS FIL DANS UN RESEAU DE COMMUNICATION DE DONNEES**
[72] FANG, ZHENG, US
[71] SPRINT COMMUNICATIONS COMPANY L.P., US
[85] 2018-08-24
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[54] **FOURNITURE DE CONTENEURS POUR APPLICATIONS VIRTUALISEES**
[72] NEOGI, ATANU, US
[72] KUMAR, AJOY, US
[72] PHATAK, SOUMEE, US
[71] BLADELOGIC, INC., US
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[54] **METHODS OF TREATING CANCER**
[54] **METHODES DE TRAITEMENT DU CANCER**
[72] FRAMPTON, GARRETT MICHAEL, US
[72] YELENSKY, ROMAN, US
[72] SUN, JAMES XIN, US
[72] JOHNSON, DOUGLAS BUCKNER, US
[72] LOVLY, CHRISTINE MARIE, US
[72] SOSMAN, JEFFREY ALAN, US
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[71] VANDERBILT UNIVERSITY, US
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[54] **THIAZOLIDINONE COMPOUNDS AND USE THEREOF**
[54] **COMPOSES DE THIAZOLIDINONE ET LEUR UTILISATION**
[72] SHIH, CHUAN, US
[72] HENG, SHAU-HUA, TW
[72] YEH, SHIU-HWA, TW
[72] LIN, SHU-YU, TW
[72] LOH, HORACE, US
[71] SHIH, CHUAN, US
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[54] **HEATING AND COOLING SYSTEMS AND METHODS FOR TRUCK CABS**
[54] **SYSTEMES ET PROCEDES DE CHAUFFAGE ET DE REFROIDISSEMENT POUR CABINES DE CAMION**
[72] ANDREWS, MICHAEL, CA
[71] TIGER TOOL INTERNATIONAL INCORPORATED, CA
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[54] **SITE SPECIFICATION FOR DIRECTIONAL GUIDED SURFACE WAVE TRANSMISSION IN A LOSSY MEDIA**
[54] **SPECIFICATION DE SITE POUR UNE EMISSION D'ONDE DE SURFACE GUIDEE DIRECTIONNELLE DANS UN MILIEU A PERTE**
[72] CORUM, JAMES F., US
[72] CORUM, KENNETH L., US
[72] ROSS, JOHN E., US
[71] CPG TECHNOLOGIES, LLC, US
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[54] **OPERATIONAL STORAGE MEANS WITH AT LEAST ONE DRAWER**
[54] **MOYEN DE STOCKAGE INDUSTRIEL MUNI D'AU MOINS UN TIROIR**
[72] OBERHANSLI, FRANZ, CH
[72] BRUNSCHWILER, JOEL, CH
[71] LISTA AG, CH
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[25] EN
[54] **APPARATUS AND PROCESSES FOR OPERATING ON A NARROW BODY LUMEN**
[54] **APPAREIL ET PROCEDES D'OPERATION SUR UNE LUMIERE CORPORELLE ETROITE**
[72] SHELLER, CHRISTINA, US
[72] MAGANA, JESUS, US
[72] SNOW, DAVID, US
[72] SARNA, SURESH, US
[71] NVISION MEDICAL CORPORATION, US
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[54] **GLUCAGON AND GLP-1 CO-AGONISTS FOR THE TREATMENT OF OBESITY**
[54] **CO-AGONISTES DU GLUCAGON ET DU GLP-1 POUR LE TRAITEMENT DE L'OBESITE**
[72] BEDNAREK, MARIA ALEKSANDRA, GB
[72] JERMUTUS, LUTZ ULRICH, GB
[72] AMBERY, PHILIP, GB
[72] PETRONE, MARCELLA, GB
[71] MEDIMMUNE LIMITED, GB
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[25] EN
[54] **METHOD AND CONNECTOR SET FOR CONNECTING BEAMS OF WOOD MATERIAL**
[54] **PROCEDE ET ENSEMBLE D'ASSEMBLAGE POUR L'ASSEMBLAGE DE POUTRES EN MATERIAU DERIVE DU BOIS**
[72] ERNST, HENNING, DE
[71] SWG SCHRAUBENWERK GAISBACH GMBH, DE
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[54] **CUTTING INSERT, TOOL HOLDER, AND TOOL FOR MACHINING A WORKPIECE**
[54] **PLAQUETTE DE COUPE, PORTE-OUTIL ET OUTIL D'USINAGE D'UNE PIECE PAR ENLEVEMENT DE COPEAUX**
[72] KEMMLER, TOBIAS, DE
[71] HARTMETALL-WERKZEUGFABRIK PAUL HORN GMBH, DE
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[54] **CROWDSOURCING OF TRUSTWORTHINESS INDICATORS**
[54] **EXTERNALISATION OUVERTE D'INDICATEURS DE FIABILITE**
[72] CHAN, LEO M., CA
[72] MAWJI, ASHIF, CA
[71] WWW.TRUSTSCIENCE.COM INC., CA
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[25] EN
[54] **MIXTURES OF CHELATING AGENTS, AND PROCESS FOR MAKING SUCH MIXTURES**
[54] **MELANGES D'AGENTS CHELATANTS, ET PROCEDE DE FABRICATION DE TELS MELANGES**
[72] SCHMIDT, THOMAS, DE
[72] REINOSO GARCIA, MARTA, DE
[72] SUELING, CARSTEN, DE
[72] MORMUL, VERENA, DE
[71] BASF SE, DE
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[25] EN
[54] **METHOD FOR DETACHABLY FASTENING A SMARTPHONE HOLDER TO A SHOPPING CART**
[54] **PROCEDE DE FIXATION AMOVIBLE D'UN SUPPORT DE SMARTPHONE A UN CHARIOT DE SUPERMARCHE**
[72] WIETH, FRANZ, DE
[72] FILOSI, ANDREAS, DE
[71] WIETH, FRANZ, DE
[71] FILOSI, ANDREAS, DE
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[54] **HARDWARE MANAGED POWER COLLAPSE AND CLOCK WAKE-UP FOR MEMORY MANAGEMENT UNITS AND DISTRIBUTED VIRTUAL MEMORY NETWORKS**
[54] **CHUTE DE PUISSANCE ET REVEIL D'HORLOGE GERES PAR MATERIEL POUR DES UNITES DE GESTION DE MEMOIRE ET RESEAUX DE MEMOIRE VIRTUELLE DISTRIBUES**
[72] PODAIMA, JASON EDWARD, US
[72] AVOINNE, CHRISTOPHE DENIS BERNARD, US
[72] SOMASUNDARAM, MANOKANTHAN, US
[72] DENA, SINA, US
[72] WIERCIENSKI, PAUL CHRISTOPHER JOHN, US
[72] RYCHLIK, BOHUSLAV, US
[72] HALTER, STEVEN JOHN, US
[72] SUBRAMANIAM GANASAN, JAYA PRAKASH, US
[72] RAMKUMAR, MYIL, US
[72] PAL, DIPTI RANJAN, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
[54] **A TRACKING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE POURSUITE**
[72] EDWARDS, CHRISTINE, GB
[72] HALL, PETER, GB
[71] SCI-TECH (POB) LTD, GB
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[54] **TRAITEMENTS DU CANCER DE L'UTERUS**
[72] MAHR, ANDREA, DE
[72] WEINSCHENK, TONI, DE
[72] SONG, COLETTE, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, US
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[25] EN
[54] **COSMETIC BRUSH FIBER HAVING TRIANGULAR CROSS SECTION**
[54] **FIBRE DE BROSSE COSMETIQUE AYANT UNE SECTION TRANSVERSALE TRIANGULAIRE**
[72] KAICKER, ANISA TELWAR, US
[71] ANISA INTERNATIONAL, INC., US
[85] 2018-08-27
[86] 2017-03-14 (PCT/US2017/022261)
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[54] **BICYCLIC COMPOUNDS**
[54] **COMPOSES BICYCLIQUES**
[72] NARINE, ARUN, DE
[72] ADISECHAN, ASHOKKUMAR, IN
[72] CHAUDHURI, RUPSHA, IN
[72] DATTA, GOPAL KRISHNA, DE
[72] SAMBASIVAN, SUNDERRAMAN, IN
[72] VYAS, DEVENDRA, IN
[71] BASF SE, DE
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[25] EN
[54] **PALATABLE CAT KIBBLES CONTAINING SPECIFIC FAT FRACTIONS**
[54] **CROQUETTES POUR CHAT APPETISSANTES CONTENANT DES FRACTIONS DE MATIERES GRASSES SPECIFIQUES**
[72] GUILLER, ISABELLE, FR
[72] BRAMOULLE, LOIC, FR
[72] DE RATULD, AURELIE, FR
[72] CREMONT, MATTHIEU, FR
[71] SPECIALITES PET FOOD, FR
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[51] **Int.Cl. E04C 5/07 (2006.01)**
[25] EN
[54] **CONCRETE COMPONENT HAVING A REINFORCING ELEMENT, METHOD FOR PRODUCING SAME, METHOD FOR BENDING A REINFORCING BAR OF A REINFORCING ELEMENT, AND BENDING DEVICE**
[54] **ELEMENT STRUCTURAL EN BETON DOTE D'UN ELEMENT D'ARMATURE, PROCEDE DE FABRICATION ASSOCIE, PROCEDE DE CINTRAGE D'UNE BARRE D'ARMATURE D'UN ELEMENT D'ARMATURE ET DISPOSITIF DE CINTRAGE**
[72] BISCHOFF, THOMAS, DE
[72] HINZEN, MARCUS, DE
[72] TOSKAS, GEORGIOS, DE
[71] GROZ-BECKERT KG, DE
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[54] **ANTICORPS ANTI-LAG-3**
[72] WANG, CHENG-I, SG
[72] OH, HSUEH LING JANICE, SG
[72] YEO, SIOK PING, SG
[72] LEE, CHIA YIN, SG
[71] AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH, SG
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[25] EN
[54] **IN-PLANE ACTIVE COOLING DEVICE FOR MOBILE ELECTRONICS**
[54] **DISPOSITIF DE REFROIDISSEMENT ACTIF DANS LE PLAN POUR DISPOSITIFS ELECTRONIQUES MOBILES**
[72] WANG, PENG, US
[72] VADAKKANMARUVEEDU, UNNIKRISHNAN, US
[72] MITTER, VINAY, US
[71] QUALCOMM INCORPORATED, US
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[54] **PACKAGING WITH CENTERING ELEMENTS, BLANK, SET OF BLANKS, DEVICE AND METHOD FOR CREATING PACKAGING OF THIS KIND**
[54] **CONDITIONNEMENT A CENTREURS, FLAN, ENSEMBLE DE FLANS, DISPOSITIF ET PROCEDE POUR LA REALISATION D'UN TEL CONDITIONNEMENT**
[72] DELAUSE, BERNARD, FR
[72] DESERTOT, DIDIER, FR
[71] DS SMITH PACKAGING FRANCE, FR
[85] 2018-08-28
[86] 2017-02-10 (PCT/FR2017/050308)
[87] (WO2017/153650)
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[51] **Int.Cl. H04N 21/854 (2011.01) H04N 19/30 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **IMPROVEMENT ON TILE GROUPING IN HEVC AND L-HEVC FILE FORMATS**
[54] **PERFECTIONNEMENT APPORTE AU GROUPEMENT DE PAVES DANS DES FORMATS DE FICHIER HEVC ET L-HEVC**
[72] HENDRY, FNU, US
[72] WANG, YE-KUI, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-08-27
[86] 2017-03-28 (PCT/US2017/024560)
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[25] FR
[54] **DEVICE AND METHOD FOR THE ODORISATION OF A GAS CIRCULATING IN A PIPELINE**
[54] **DISPOSITIF ET PROCEDE D'ODORISATION D'UN GAZ EN CIRCULATION DANS UNE CANALISATION**
[72] LEVY, CYRILLE, FR
[72] LOUVAT, AMELIE, FR
[72] GORINTIN, LOUIS, FR
[72] GUILLET, JULIEN, FR
[71] ENGIE, FR
[85] 2018-08-28
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[25] EN
[54] **ELECTRICITY GENERATION PROCESS**
[54] **PROCESSUS DE PRODUCTION D'ELECTRICITE**
[72] NISSEN, STEEN SONDERGAARD, US
[71] APPLIED BIOMIMETIC A/S, DK
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[30] US (62/303,633) 2016-03-04
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[25] EN
[54] **COATING PROCESS USING PREMIXED PRINT FORMULATIONS**
[54] **PROCEDE DE REVETEMENT UTILISANT DES FORMULATIONS D'IMPRESSION PREMELANGEES**
[72] GOEBEL, MICHAEL, DE
[72] AHLF, MARAIKE, DE
[72] SEELER, FABIAN, DE
[72] RODER, JENS, DE
[71] BASF SE, DE
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[25] EN
[54] **POWER GENERATION PROCESS USING OSMOSIS AND ANAEROBIC WASTEWATER TREATMENT**
[54] **PROCESSUS DE PRODUCTION D'ENERGIE UTILISANT L'OSMOSE ET UN TRAITEMENT ANAEROBIE DES EAUX USEES**
[72] NISSEN, STEEN SONDERGAARD, US
[71] APPLIED BIOMIMETIC A/S, DK
[85] 2018-08-28
[86] 2017-03-02 (PCT/EP2017/054973)
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[30] US (62/303,639) 2016-03-04
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[25] EN
[54] **BICYCLIC COMPOUNDS FOR DIAGNOSIS AND THERAPY**
[54] **COMPOSES BICYCLIQUES POUR DIAGNOSTIC ET TRAITEMENT**
[72] MOLETTE, JEROME, FR
[72] GABELLIERI, EMANUELE, CH
[72] DARMENCY, VINCENT, CH
[71] AC IMMUNE SA, CH
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[25] EN
[54] **AUTO-INJECTOR SYSTEMS AND METHOD FOR DELIVERING CYST MEDICATION ON DEMAND**
[54] **SYSTEMES AUTO-INJECTEURS ET PROCEDE POUR ADMINISTRER UN MEDICAMENT DE TRAITEMENT DE KYSTES A LA DEMANDE**
[72] ONORATO, JOSEPH, US
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[85] 2018-08-27
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[25] FR
[54] **CARE ITEM AND CLEANING DEVICE COMPRISING SUCH A CARE ITEM**
[54] **ARTICLE D'ENTRETIEN ET DISPOSITIF DE NETTOYAGE COMPRENANT UN TEL ARTICLE D'ENTRETIEN**
[72] RIANCHO, NILS, FR
[71] DECITEX, FR
[85] 2018-08-28
[86] 2017-03-09 (PCT/FR2017/050518)
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[30] FR (1651971) 2016-03-09

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[25] EN
[54] **BELT TENSIONER IN A FOOD PROCESSING MACHINE**
[54] **TENDEUR DE COURROIE DANS UNE MACHINE DE TRAITEMENT D'ALIMENTS**
[72] PRYOR, GLEN F., US
[72] O'CONNOR, RYAN J., US
[71] PROVISUR TECHNOLOGIES, INC., US
[85] 2018-08-27
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[54] **CONTACT LENS BLISTER PACK LABEL AND METHOD FOR ADJOINING BLISTER PACKS**
[54] **ETIQUETTE POUR EMBALLAGES THERMOFORMES POUR LENTILLES DE CONTACT ET PROCEDE PERMETTANT D'ATTACHER DES EMBALLAGES THERMOFORMES**
[72] DAVIS, ROBERT, GB
[71] COOPERVISION INTERNATIONAL HOLDING COMPANY, LP, BB
[85] 2018-08-28
[86] 2017-02-27 (PCT/GB2017/050525)
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[54] **A TAMPER-EVIDENT COVER**
[54] **COUVERCLE INVIOLABLE**
[72] WHITE, NICK, GB
[72] SILLITOE, CHRIS, GB
[71] BIO PURE TECHNOLOGY LIMITED, GB
[85] 2018-08-28
[86] 2017-04-20 (PCT/GB2017/051106)
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[25] EN
[54] **N,N-DIMETHYL-3-[[5-(3-METHYL-2-OXO-1-TETRAHYDROPYRAN-4-YL-IMIDAZO[4,5-C]QUINOLIN-8-YL)-2-PYRIDYL]OXY]PROPAN-1-AMINE OXIDE AS ATM (ATAXIA TELANGIECTASIA MUTATED) KINASE MODULATOR FOR TREATING CANCER**
[54] **OXYDE DE N,N-DIMETHYL-3-[[5-(3-METHYL-2-OXO-1-TETRAHYDROPYRAN-4-YL-IMIDAZO[4,5-C]QUINOLIN-8-YL)-2-PYRIDYL]OXY]PROPAN-1-AMINE UTILISE COMME MODULATEUR DE LA PROTEINE KINASE ATM (ATAXIA TELANGIECTASIA MUTATED) POUR TRAITER LE CANCER**
[72] BARLAAM, BERNARD CHRISTOPHE, GB
[72] PIKE, KURT GORDON, GB
[71] ASTRAZENECA AB, SE
[85] 2018-08-28
[86] 2017-03-30 (PCT/EP2017/057624)
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[54] **GRIPPER ACTUATING SYSTEM IN A FOOD PROCESSING MACHINE**
[54] **SYSTEME D'ACTIONNEMENT DE PINCE DANS UNE MACHINE DE TRAITEMENT D'ALIMENTS**
[72] PRYOR, GLEN F., US
[72] GARCIA-PEREZ, FERNANDO, US
[71] PROVISUR TECHNOLOGIES, INC., US
[85] 2018-08-27
[86] 2017-11-28 (PCT/US2017/063396)
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[54] **IMPROVED PROMOTERS AND COMPOSITIONS**
[54] **PROMOTEURS ET COMPOSITIONS AMELIORES**
[72] BAYLEY, HAGAN, GB
[72] BOOTH, MICHAEL, GB
[71] OXFORD UNIVERSITY INNOVATION LIMITED, GB
[85] 2018-08-28
[86] 2017-02-28 (PCT/GB2017/050538)
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[54] **IMPROVEMENTS TO OPEN DISPLAY REFRIGERATORS**
[54] **PERFECTIONNEMENTS APPORTES A DES REFRIGERATEURS OUVERTS**
[72] MCANDREW, PAUL, GB
[71] AEROFOIL ENERGY LIMITED, GB
[85] 2018-08-28
[86] 2017-05-16 (PCT/GB2017/051366)
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[25] EN
[54] **GAS DEDUSTING FILTER APPARATUS AND PROCESS**
[54] **APPAREIL ET PROCEDE DE FILTRE DE DEPOUSSIERAGE DE GAZ**
[72] ARCHETTI, MAURIZIO, CH
[72] MURATORI, LUCA, IT
[71] ECOSPRAY TECHNOLOGIES S.R.L., IT
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[25] EN
[54] **RADIO OVER INTERNET PROTOCOL DEVICES AND METHODS FOR INTEROPERABILITY WITH LAND MOBILE RADIO DEVICES**
[54] **PROCEDES ET DISPOSITIFS DE RADIO SUR IP POUR UNE INTEROPERABILITE AVEC DES DISPOSITIFS RADIO MOBILES TERRESTRES**
[72] RUBENS, HERBERT B., US
[72] ZAK, ARTUR, US
[71] PERSISTENT SYSTEMS LLC, US
[85] 2018-08-28
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[25] EN
[54] **CATHETER SYSTEMS, KITS, AND METHODS FOR GAINING ACCESS TO A VESSEL**
[54] **SYSTEMES, KITS ET PROCEDES DE CATHETERS DONNANT ACCES A UN VAISSEAU**
[72] GURLEY, JOHN, US
[71] BLUEGRASS VASCULAR TECHNOLOGIES, INC., US
[85] 2018-08-28
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[54] **MACHINING SWARF REMOVING APPARATUS**
[54] **APPAREIL D'ELIMINATION DE COPEAUX D'USINAGE**
[72] HIRATA, YUICHI, JP
[72] AGO, SHINJI, JP
[72] SATO, TAKANORI, JP
[72] SATO, YUKI, JP
[71] HONDA MOTOR CO., LTD., JP
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[25] EN
[54] **3D PRINTING OF A CELLULARISED SCAFFOLD**
[54] **IMPRESSION 3D D'UN ECHAFAUDAGE OCCUPE PAR DES CELLULES**
[72] BAYLEY, HAGAN, GB
[72] OLOF, SAM, GB
[72] GRAHAM, ALEXANDER D., GB
[72] BURKE, MADELINE, GB
[72] ARMSTRONG, JAMES, GB
[72] PERRIMAN, ADAM, GB
[72] NICHOLSON, JAMES, GB
[72] SZELE, FRANCIS, GB
[71] OXFORD UNIVERSITY INNOVATION LIMITED, GB
[85] 2018-08-28
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[54] **PHASE TRANSFER OF A CARGO LADEN SCAFFOLD**
[54] **TRANSFERT DE PHASE D'UN ECHAFAUDAGE CHARGE D'UNE CARGAISON**
[72] BAYLEY, HAGAN, GB
[72] OLOF, SAM, GB
[72] GRAHAM, ALEXANDER D., GB
[71] OXFORD UNIVERSITY INNOVATION LIMITED, GB
[85] 2018-08-28
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[30] GB (1603564.4) 2016-03-01
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[25] EN
[54] **MEDICINE FOR TREATING RENAL DISEASE**
[54] **MEDICAMENT POUR LE TRAITEMENT D'UNE MALADIE RENALE**
[72] ARAI, KIYOSHI, JP
[72] HOMMA, TSUYOSHI, JP
[72] SAWANOBORI, TOMOKO, JP
[72] NAKAJIMA, SHIN, JP
[72] HISATOMI, RIE, JP
[72] YOSHIMURA, MOTONOBU, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
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[25] EN
[54] **STEEL SHEET FOR HARDENING, HARDENED MEMBER, AND METHOD FOR MANUFACTURING STEEL SHEET FOR HARDENING**
[54] **TOLE D'ACIER DESTINEE A ETRE DURCIE, ELEMENT DURCI ET PROCEDE DE FABRICATION DE TOLE D'ACIER DESTINEE A ETRE DURCIE**
[72] HAMAMOTO, SAE, JP
[72] ASAI, TATSUYA, JP
[72] OMORI, HIROYUKI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
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[25] EN
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[54] **DISPOSITIF DE COMMANDE DE MOTEUR ET DISPOSITIF DE REGULATION DE PRESSION DE LIQUIDE DE FREIN POUR VEHICULE**
[72] KOSUGE, SHINTARO, JP
[71] NISSIN KOGYO CO., LTD., JP
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[54] **WIND TURBINE AND METHOD FOR GENERATING ELECTRICAL ENERGY**
[54] **TURBINE EOLIENNE ET PROCEDE DE PRODUCTION D'ENERGIE ELECTRIQUE**
[72] KELLER, ALEX, DE
[72] ADLER, KLAUS, DE
[72] MARINOV, MARIAN, BG
[72] DIMITROV, VENTSISLAV, DE
[71] KELLER, ALEX, DE
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[54] **A CIRCUIT LAYER FOR AN INTEGRATED CIRCUIT CARD**
[54] **COUCHE CONDUCTRICE POUR CARTE A CIRCUIT INTEGRE**
[72] NIELSEN, FINN, DK
[71] CARDLAB APS, DK
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[25] EN
[54] **COSMETIC BLOTTING TOOL AND CONTAINER SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE POUR ENSEMBLE OUTIL ET CONTENANT D'ABSORPTION DE PRODUITS COSMETIQUES**
[72] SILVA, REA ANN, US
[71] REA.DEEMING BEAUTY, INC. DBA BEAUTYBLENDER, US
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[54] **NOVEL INFLUENZA ANTIGENS**
[54] **NOUVEAUX ANTIGENES DE LA GRIPPE**
[72] VASSILEV, VENTZISLAV BOJIDAROV, BE
[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
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[30] GB (1603625.3) 2016-03-02

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[54] **A COMPOSITION FOR SYNTHETIC STONE**
[54] **COMPOSITION POUR PIERRE SYNTHETIQUE**
[72] APSEY, GLENN CHRISTOPHER, GB
[72] ANDREWS, ALAN WILLIAM, GB
[71] LUCITE INTERNATIONAL UK LIMITED, GB
[85] 2018-08-27
[86] 2017-03-09 (PCT/GB2017/050638)
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[25] EN
[54] **BPA FREE SPRAYABLE EPOXY RESIN**
[54] **RESINE EPOXY PULVERISABLE SANS BPA**
[72] WARREN, DANNY, US
[71] WARREN, DANNY, US
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[25] EN
[54] **KINASE INHIBITORS**
[54] **INHIBITEURS DE KINASE**
[72] FYFE, MATTHEW COLIN THOR, GB
[72] THOM, STEPHEN MALCOLM, GB
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[54] **AGENCEMENT DE FILTRE A LIQUIDE ET PROCEDES ASSOCIES**
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[72] HARDER, DAVID B., US
[72] TUCKER, BRIAN, US
[71] DONALDSON COMPANY, INC., US
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[54] **REVETEMENT INDICATEUR RESISTANT AUX DOMMAGES**
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[72] GABRIEL, JOSEPH M., US
[72] JOHNSON, DEREK ANTON, US
[71] HEXAGON TECHNOLOGY AS, NO
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[54] **COMPOSITION INJECTABLE POUR LE MARQUAGE DE LESION**
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[72] PARK, INSOO, KR
[72] NOH, JIN HEE, KR
[71] NATIONAL CANCER CENTER, KR
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[54] **SYSTEME DE NAVIGATION POUR CATHETERS D'ABLATION**
[72] KRIMSKY, WILLIAM S., US
[72] DICKHANS, WILLIAM J., US
[72] STOPEK, JOSHUA B., US
[71] COVIDIEN LP, US
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[54] **DRAPEAU INTELLIGENT**
[72] MARTINSEN, PER OYVIND, NO
[72] MARTINSEN, PREBEN N., NO
[71] MARTINSEN, PER OYVIND, NO
[71] MARTINSEN, PREBEN N., NO
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[54] **PROCEDES ET SUSPENSIONS DE RETICULATION AQUEUSES THERMIQUEMENT STABLES A BASE DE BORATE POUR LE TRAITEMENT DES FORMATIONS SOUTERRAINES**
[72] RAHY, ABDELAZIZ, US
[72] KNOX, DEWITT, US
[72] MELBOUCI, MOHAND, US
[71] UNIVAR USA, INC., US
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[54] **COMPOSITION COMPRENANT PIC POUR LE TRAITEMENT DU CANCER**
[72] ZHANG, YI, SG
[71] YISHENG BIOPHARMA (SINGAPORE) PTE LTD, SG
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[54] **CIMENTATION INVERSE A PRESSION GEREE**
[72] SINGH, JOHN P., US
[72] CUELLO JIMENEZ, WALMY, US
[72] JONES, PAUL JOSEPH, US
[72] LOVORN, JAMES RANDOLPH, US
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[54] **SYSTEME DE COMMANDE TACTILE POUR DES SURFACES DE SUBSTRAT D'AFFICHAGE NON ELECTRONIQUE**
[72] VAN DER WERFF, MATTHEW JOHN, NZ
[72] FRANK, ZACHARIAS JOHANNES, NZ
[72] SOUTHERN, TERRY ROBIN, NZ
[72] GLENNY, MARK WILLIAM, NZ
[71] RESENE PAINTS LIMITED, NZ
[85] 2018-08-28
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[25] EN
[54] **LAMINATED SUBSTRATE FOR ELECTROCHROMIC DIMMER ELEMENT AND MANUFACTURING METHOD FOR ELECTROCHROMIC DIMMER ELEMENT**
[54] **SUBSTRAT MULTICOUCHE POUR ELEMENTS DE COMMANDE DE LUMIERE ELECTROCHROME ET PROCEDE DE FABRICATION D'ELEMENT DE COMMANDE DE LUMIERE ELECTROCHROME**
[72] AOSHIMA, YUKI, JP
[72] ODAKA, HIDEFUMI, JP
[71] AGC GLASS EUROPE SA, BE
[71] AGC INC., JP
[71] AGC FLAT GLASS NORTH AMERICA, INC., US
[71] AGC VIDROS DO BRASIL LTDA., BR
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[54] **LOCKING MECHANISMS WITH SUBSTRATE-FIXED WASHERS**
[54] **MECANISMES DE VERROUILLAGE COMPRENANT DES RONDELLES FIXEES A UN SUBSTRAT**
[72] HESS, HAROLD, US
[72] HOCKENHULL, TRACY, US
[72] MOORE, WARREN, US
[72] PEREZ, ARMANDO, III, US
[72] FURU-SZEKELY, ZOLTAN KALMAN, US
[71] ENDURALOCK, LLC, US
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[25] EN
[54] **DETERMINING SUBTERRANEAN-FORMATION RESISTIVITY USING AN ELECTROMAGNETIC TELEMETRY SYSTEM**
[54] **DETERMINATION DE LA RESISTIVITE D'UNE FORMATION SOUTERRAINE AU MOYEN D'UN SYSTEME DE TELEMETRIE ELECTROMAGNETIQUE**
[72] CHONG, MATTHEW HUI, US
[72] FAN, YIJING, SG
[72] WILSON, GLENN ANDREW, SG
[72] COOPER, PAUL ANDREW, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **FORMING PROPPANT-FREE CHANNELS IN A PROPPANT PACK**
[54] **FORMAGE DE CANAUX EXEMPTS D'AGENT DE SOUTENEMENT DANS UN REMBLAI D'AGENT DE SOUTENEMENT**
[72] VO, LOAN, US
[72] CHOPADE, PRASHANT D., US
[72] NGUYEN, PHILIP D., US
[72] PARTON, CHRISTOPHER, US
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[54] **DISPOSITIF DE MOULAGE ET PROCEDE DE MOULAGE**
[72] ISHIZUKA, MASAYUKI, JP
[72] NOGIWA, KIMIHIRO, JP
[72] UENO, NORIEDA, JP
[72] SAIKA, MASAYUKI, JP
[71] SUMITOMO HEAVY INDUSTRIES, LTD., JP
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[54] **CHAMP OPERATOIRE POUR UTILISATION AVEC DES SYSTEMES DE THERAPIE MEDICALE**
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] ROBINSON, TIMOTHY MARK, GB
[71] KCI LICENSING, INC., US
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[25] EN
[54] **MECHANISMS AND METHODS FOR MIXING AND/OR DISPENSING MULTI-PART MATERIALS**
[54] **MECANISMES ET PROCEDES POUR MELANGER ET/OU DISTRIBUER DES MATERIAUX EN PLUSIEURS PARTIES**
[72] HOPKINS, RYAN R., US
[71] MOLDMAN SYSTEMS LLC, US
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[54] **TRAITEMENT DONNEES POUR CARACTERISER LE COMPORTEMENT THERMIQUE D'UNE BATTERIE**
[72] TATE, EDWARD DEAN, JR., US
[71] EXA CORPORATION, US
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[25] EN
[54] **IMPLANTABLE ULTRASOUND GENERATING TREATING DEVICE FOR SPINAL CORD AND/OR SPINAL NERVE TREATMENT, APPARATUS COMPRISING SUCH DEVICE AND METHOD**
[54] **DISPOSITIF DE TRAITEMENT IMPLANTABLE GENERANT DES ULTRASONS POUR LE TRAITEMENT DE LA MOELLE EPINIERE ET/OU DU NERF RACHIDIEN, APPAREIL COMPRENANT UN TEL DISPOSITIF ET PROCEDE**
[72] CARPENTIER, ALEXANDRE, FR
[71] SORBONNE UNIVERSITE, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
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[54] **SYSTEME DE STOCKAGE D'ENERGIE ELECTRIQUE A ENTRAINEMENT PAR CABLE DE LIGNE DE CRETE**
[72] PEITZKE, WILLIAM R., US
[72] BROWN, MATTHEW B., US
[71] ADVANCED RAIL ENERGY STORAGE, L.L.C., US
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[54] **TIME VARYING ADDRESS SPACE LAYOUT RANDOMIZATION**
[54] **RANDOMISATION DE DISPOSITION D'ESPACE D'ADRESSE VARIANT DANS LE TEMPS**
[72] GATHALA, SUDHA ANIL KUMAR, US
[72] CASCAVAL, GHEORGHE CALIN, US
[72] GUPTA, RAJARSHI, US
[71] QUALCOMM INCORPORATED, US
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[54] **TERMINAL DEVICE AND SOFTWARE REWRITING PROGRAM**
[54] **DISPOSITIF DE TERMINAL ET PROGRAMME DE REECRITURE DE LOGICIEL**
[72] YAMASHITA, SHUNZO, JP
[72] ISHIMOTO, SHINTARO, JP
[72] MATSUO, MASAKI, JP
[72] KOJIMA, YUSUKE, JP
[71] YANMAR CO., LTD., JP
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[54] **LIQUIDE DE CONTREPOIDS POUR SYSTEME DE PROPULSION DE MUNITIONS TIRE A L'EPAULE**
[72] JEZIERSKI, DOMINIC, US
[72] LAMBERT, JERRY, US
[72] BLOMQUIST, HARRY, US
[72] EARLY, STEPHEN JOSEPH, US
[72] GOODWIN, BILL, US
[71] NAMMO TALLEY, INC., US
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[25] EN
[54] **COUNTERMASS PROPULSION SYSTEM**
[54] **SYSTEME DE PROPULSION A CONTRE-MASSE**
[72] JEZIERSKI, DOMINIC, US
[72] EARLY, STEPHEN JOSEPH, US
[72] GOODWIN, BILL, US
[72] ADAMO, NICK, US
[72] KNEBLE, DAVID, US
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[54] **TERMINAL DEVICE AND SOFTWARE REWRITING PROGRAM**
[54] **DISPOSITIF TERMINAL ET PROGRAMME DE REECRITURE LOGICIELLE**
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[72] ISHIMOTO, SHINTARO, JP
[72] KOJIMA, YUSUKE, JP
[72] YAMASHITA, SHUNZO, JP
[71] YANMAR CO., LTD., JP
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[51] **Int.Cl. A61K 41/00 (2006.01) A61N 5/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD THERMOTHERAPY TREATMENT OR PREVENTION OF ANTIMICROBIAL RESISTANT OR BIOFILM INFECTIONS AND USES THEREOF**
[54] **SYSTEME DE TRAITEMENT PROPHYLACTIQUE OU THERAPEUTIQUE PAR THERMOTHERAPIE DES INFECTIONS A BIOFILMS OU RESISTANTES AUX ANTIMICROBIENS**
[72] GAVALDA SANTAPAU, JOAN, ES
[72] FRANCO PUNTES, VICTOR, ES
[72] TORRENTS SERRA, EDUARD, ES
[71] FUNDACIO HOSPITAL UNIVERSITARI VALL D'HEBRON-INSTITUT DE RECERCA, ES
[71] FUNDACIO INSTITUT DE BIOENGINYERIA DE CATALUNYA, ES
[71] INSTITUCIO CATALANA DE RECERCA / ESTUDIS AVANCATS, ES
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF 4-ALKOXY-3-HYDROXYPICOLINIC ACIDS**
[54] **PROCEDE DE PREPARATION D'ACIDES 4-ALCOXY-3-HYDROXYPICOLINIQUES**
[72] HANLEY, PATRICK S., US
[72] CHOY, NAKYEN, US
[72] SIDDALL, THOMAS L., US
[72] WHITEKER, GREGORY T., US
[71] DOW AGROSCIENCES LCC, US
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[54] **COOPERATIVE GUIDANCE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GUIDAGE COOPERATIF**
[72] BELL, HOWARD Y., US
[72] COLLINS, JOSHUA E., US
[72] FERLIS, ROBERT A., US
[72] LEE, KUNIK, US
[71] INTELLIGENT MATERIAL SOLUTIONS, INC., US
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[30] US (62/301,249) 2016-02-29

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[25] EN
[54] **PLATFORM ENTRANCE GATE SAFETY BARRIER FOR A MOBILITY VEHICLE LIFT**
[54] **BARRIERE DE SECURITE DE PORTE D'ENTREE DE PLATE-FORME POUR UN ELEVATEUR DE VEHICULE DE MOBILITE**
[72] BUDD, ALFRED LEWIS, II, US
[72] BETTCHER, ROBERT EARL, III, US
[71] THE BRAUN CORPORATION, US
[85] 2018-08-28
[86] 2017-02-28 (PCT/US2017/019823)
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[30] US (62/301,942) 2016-03-01

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[25] EN
[54] **ELECTROSTATIC DISCHARGE (ESD) ISOLATED INPUT/OUTPUT (I/O) CIRCUITS**
[54] **CIRCUITS D'ENTREE/SORTIE (E/S) ISOLES CONTRE LES DECHARGES ELECTROSTATIQUES (ESD)**
[72] WORLEY, EUGENE ROBERT, US
[72] JALILIZEINALI, REZA, US
[72] DUNDIGAL, SREEKER, US
[72] CHEN, WEN-YI, US
[72] CHILLARA, KRISHNA CHAITANYA, US
[72] KANG, TAEGHYUN, US
[71] QUALCOMM INCORPORATED, US
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[30] US (15/088,035) 2016-03-31

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[25] EN
[54] **SHOCK ABSORBING FEED WHEEL ASSEMBLY**
[54] **ENSEMBLE ROUE D'AVANCE A ABSORPTION DE CHOCS**
[72] FOY, MICHAEL BRYDON, US
[72] ELLIOT, DUSTIN D., US
[71] SIGNODE INDUSTRIAL GROUP LLC, US
[85] 2018-08-27
[86] 2017-05-12 (PCT/US2017/032476)
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[30] US (62/344,113) 2016-06-01
[30] US (15/591,373) 2017-05-10

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[51] **Int.Cl. G01S 11/00 (2006.01) G01S 11/02 (2010.01)**
[25] EN
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[54] **DETECTION DE MOUVEMENT SUR LA BASE D'EMISSIONS SANS FIL REPETEES**
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[54] **STRATIFIES AMELIORES COMPRENANT DES COMPOSITES D'AEROGEL RENFORCES**
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[72] EVANS, OWEN, US
[72] ZAFIROPOULOS, NICHOLAS, US
[72] GOULD, GEORGE, US
[72] RIKLEEN, LESLIE, US
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[54] **PREPARATION PHARMACEUTIQUE LIQUIDE**
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[72] MURAKAMI, TATSUYA, JP
[71] FUJIFILM CORPORATION, JP
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[54] **COLORANTS EN GRANULES COMPORTANT UN COMPLEXE PIGMENT-PROTEINES, ET PRODUITS ALIMENTAIRES COMPRENANT LESDITS COLORANTS**
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[72] TOPINKA, JOHN, US
[72] RICE, SARA, US
[71] KRAFT FOODS GROUP BRANDS LLC, US
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[54] **PROCEDE DE DESINFECTION DES LENTILLES DE CONTACT**
[72] WINTERTON, LYNN, US
[71] BETTER VISION SOLUTIONS LLC, US
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[54] **CONCEPTIONS POUR UNE FIABILITE ET ETALONNAGE AMELIORES DE DISPOSITIFS DE MESURE ET DE COMMANDE DE GAZ D'ENFOUISSEMENT**
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[72] QUIGLEY, PETER, US
[72] MARTIN, IAN, US
[72] CAMPANELLA, ANDREW, US
[72] PALLO, NATHAN, US
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[54] **IMMUNOMODULATEURS**
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[72] GILLIS, ERIC P., US
[72] LANGLEY, DAVID R., US
[72] MILLER, MICHAEL MATTHEW, US
[72] MULL, ERIC, US
[72] SUN, LI-QIANG, US
[72] YEUNG, KAP-SUN, US
[72] GRANT-YOUNG, KATHARINE A., US
[72] MEANWELL, NICHOLAS A., US
[72] SCOLA, PAUL MICHAEL, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **RINCAGE DESINFECTANT BASE SUR UNE SYNERGIE D'AGENTS TENSIOACTIFS ANIONIQUES QUATERNAIRES**
[72] MAN, VICTOR FUK-PONG, US
[72] ANDERSON, DERRICK R., US
[71] ECOLAB USA INC., US
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[72] SHVARTSMAN, SHMARYU M., US
[72] KAWRYKOW, IWAN, US
[71] VIEWRAY TECHNOLOGIES, INC., US
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[54] **STEAM INJECTION MONITORING, CONTROL AND OPTIMIZATION USING NEAR-WELLHEAD SENSORS**
[54] **SURVEILLANCE, COMMANDE ET OPTIMISATION D'INJECTION DE VAPEUR A L'AIDE DE CAPTEURS PROCHES DE LA TETE DE PUITS**
[72] KASSAB, AMER, GB
[71] GE ENERGY OILFIELD TECHNOLOGY, INC., US
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[54] **COMMANDE D'ACTIVATION SENSIBLE AUX FUITES D'UN CIRCUIT DE MAINTIEN RETARDE POUR UNE OPERATION DE LECTURE DYNAMIQUE DANS UNE CELLULE BINAIRE DE MEMOIRE**
[72] ATALLAH, FRANCOIS IBRAHIM, US
[72] NGUYEN, HOAN HUU, US
[72] BOWMAN, KEITH ALAN, US
[71] QUALCOMM INCORPORATED, US
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[54] **FOURNITURE DE PREDICTIONS D'ADRESSE DE CHARGE AU MOYEN DE TABLES DE PREDICTION D'ADRESSE SE BASANT SUR UN HISTORIQUE DE TRAJET DE CHARGE DANS DES SYSTEMES BASES SUR UN PROCESSEUR**
[72] AL SHEIKH, RAMI MOHAMMAD, US
[72] DAMODARAN, RAGURAM, US
[71] QUALCOMM INCORPORATED, US
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[54] **FIBRE SYNTHETIQUE IMITANT LES CARACTERISTIQUES DU CRIN DE CHEVAL**
[72] BAROZZI, ELEONORA SILVIA BENEDETTA, US
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[54] **ENSEMBLE D'ACTIONNEMENT POUR IRRIGATEUR BUCCAL**
[72] WILLIAMS, BRIAN R., US
[72] WAGNER, ROBERT D., US
[71] WATER PIK, INC., US
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[71] MAGIC LEAP, INC., US
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[54] **CATHETERS URETRAUX ET PROCEDES POUR FACILITER L'INTRODUCTION DANS LES VOIES URINAIRES**
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[71] INCUBE LABS, LLC, US
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[54] **PROTEINES DE LIAISON ET LEURS PROCEDES D'UTILISATION**
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[72] TANG, JIE, US
[72] WANG, YAN, US
[72] MATERN, HUGO, US
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[72] CASSIDY, MAJA, US
[71] IRIDIA, INC., US
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[72] ERVIN, GREGORY F., US
[72] LO, JIA-HSUAN, US
[72] LU, KERR-JIA, US
[72] MARIC, DRAGAN, US
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[72] LAFFOON, WENDY S., US
[72] LAFFOON, DAVID W., US
[72] SEEVERS, KURT P., US
[71] VERDESIAN LIFE SCIENCES U.S., LLC, US
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[54] **DISPOSITIFS ET PROCEDES DE PRISE EN CHARGE DU DRAINAGE THORACIQUE**
[72] LUXON, EVAN S., US
[72] BURNETT, DANIEL R., US
[72] PRESTON, RANDY, US
[72] COUGHLIN, RYAN, US
[72] ZIEGLER, MARK, US
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[72] COOPER, CHRISTOPHER BLAIR, US
[72] MARCEL, KOENRAAD JOZEL LODEWIJK, BE
[72] GUILLEMONT, JEROME EMILE GOERGES, FR
[72] VAN DEN BROECK, WALTER MARCEL MATHILDE, BE
[72] PALMER, BRIAN DESMOND, NZ
[72] MA, ZHENKUN, US
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[54] **SYSTEME ET PROCEDE INFORMATISES DE TRAITEMENT DE COMPTES OUVERTS**
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[72] BOGGS, ERIC, US
[72] HERENDEEN, CORY, US
[71] CROWE LLP, US
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[54] **UTILISATION DE SABLE DE FRACTURATION HUMIDE POUR OPERATIONS DE FRACTURATION HYDRAULIQUE**
[72] MORRIS, JEFFREY G., US
[72] BODISHBAUGH, ADRIAN BENJAMIN, US
[72] BATEMAN, MICHAEL, US
[72] JENSEN, NEAL, US
[71] EVOLUTION WELL SERVICES, LLC, US
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[54] **DETECTEUR A SCINTILLATEUR EN GRENAT CERAMIQUE TRANSPARENT POUR TOMOGRAPHIE PAR EMISSION DE POSITRONS**
[72] CHEREPY, NERINE, US
[72] PAYNE, STEPHEN, US
[72] SEELEY, ZACHARY, US
[72] COHEN, PETER, US
[72] ANDREACO, MARK, US
[72] SCHMAND, MATTHIAS, US
[71] LAWRENCE LIVERMORE NATIONAL SECURITY, LLC, US
[71] SIEMENS MEDICAL SOLUTIONS USA, INC., US
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[54] **COLLECTE DE DONNEES POUR PERMETTRE L'OPTIMISATION DE RESEAUX WI-FI DISTRIBUES**
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[72] LU, JIAN, US
[72] EDARA, KIRAN, US
[72] VAIDYA, SAMEER, US
[72] FAN, HONG, US
[72] MCFARLAND, WILLIAM, US
[71] PLUME DESIGN, INC., US
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[54] **CLOUD-BASED CONTROL OF A WI-FI NETWORK**
[54] **CONTROLE EN NUAGE D'UN RESEAU WI-FI**
[72] SINGLA, AMAN, US
[72] WHITE, PAUL, US
[72] HOTCHKISS, ADAM, US
[72] RENGARAJAN, BALAJI, US
[72] MCFARLAND, WILLIAM, US
[72] VAIDYA, SAMEER, US
[72] JENG, EVAN, US
[72] GURUSWAMY, MURUGESAN, US
[71] PLUME DESIGN, INC., US
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[30] US (62/310,594) 2016-03-18
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[54] **INTERFACE DE DISPOSITIF DE COMMANDE DE MOULAGE PAR INJECTION AVEC VARIABLES AJUSTABLES PAR L'UTILISATEUR**
[72] ALTONEN, GENE MICHAEL, US
[72] BURNS, BRIAN MATTHEW, US
[72] HANSON, HERBERT KENNETH, III, US
[71] IMFLUX INC., US
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[54] **CRIBLAGE COMBINATOIRE D'ADN**
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[72] CHU, CLEMENT, US
[72] HAQUE, IMRAN SAEEDUL, US
[72] EVANS, ERIC ANDREW, US
[72] WELKER, NOAH, US
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[54] **AUTOMATED THREE-DIMENSIONAL LOCATION VERIFICATION OF CONSTRUCTION ITEMS**
[54] **VERIFICATION AUTOMATISEE DE POSITION TRIDIMENSIONNELLE D'ELEMENTS DE CONSTRUCTION**
[72] SOLNICK, ALEX, US
[72] COLLETTA, STEVEN, US
[72] DAROS, ROBERT, JR., US
[72] GOLOGORSKY, STEVEN, US
[72] SCIAME, FRANK, JR., US
[71] SOLNICK, ALEX, US
[71] COLLETTA, STEVEN, US
[71] DAROS, ROBERT, JR., US
[71] GOLOGORSKY, STEVEN, US
[71] SCIAME, FRANK, JR., US
[85] 2018-03-02
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[25] EN
[54] **COMPOSITIONS AND COMBINATIONS OF AUTOTAXIN INHIBITORS**
[54] **COMPOSITIONS ET COMBINAISONS D'INHIBITEURS DE L'AUTOTAXINE**
[72] SUNDY, JOHN, US
[71] GILEAD SCIENCES, INC., US
[71] X-RX, INC., US
[85] 2018-08-28
[86] 2017-03-03 (PCT/US2017/020678)
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[30] US (62/303,547) 2016-03-04

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[51] **Int.Cl. D01D 5/42 (2006.01) D04H 13/02 (2006.01) D07B 1/02 (2006.01)**
[25] EN
[54] **PROCESS AND DEVICE FOR SPLITTING A TAPE**
[54] **PROCEDE ET DISPOSITIF POUR DIVISER UNE BANDE**
[72] MUGGE, EDO, NL
[72] JOURNEE, RENE, NL
[71] TEIJIN ARAMID B.V., NL
[85] 2018-08-27
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[54] **COEXTRUSION MANDREL FOR EXTRUSION DIE**
[54] **MANDRIN DE COEXTRUSION POUR FILIERE D'EXTRUSION**
[72] GUBERMAN, FELIX, CA
[71] TRONOPLAST TECHNOLOGIES INC., CA
[85] 2018-08-29
[86] 2016-12-16 (PCT/CA2016/051491)
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[25] EN
[54] **ELECTRODE CONFIGURATIONS FOR ELECTROLYTIC CELLS AND RELATED METHODS**
[54] **CONFIGURATIONS D'ELECTRODES POUR CELLULES ELECTROLYTIQUES ET PROCEDES ASSOCIES**
[72] LIU, XINGHUA, US
[71] ALCOA USA CORP., US
[85] 2018-08-28
[86] 2017-03-24 (PCT/US2017/024129)
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[25] EN
[54] **COMPOUNDS FOR THE INHIBITION OF CYCLOPHILINS AND USES THEREOF**
[54] **COMPOSES INHIBITEURS DE CYCLOPHILINES ET LEURS UTILISATIONS**
[72] JORAND-LEBRUN, CATHERINE, US
[72] JOHNSON, THERESA L., US
[72] GRAEDLER, ULRICH, DE
[72] JIANG, XULIANG, US
[72] ROCHE, DIDIER, FR
[72] LEMOINE, HUGUES, FR
[72] GILARDONE, MARINE, FR
[71] MERCK PATENT GMBH, DE
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[54] **COMPOUNDS FOR THE INHIBITION OF CYCLOPHILINS AND USES THEREOF**
[54] **COMPOSES INHIBITEURS DE CYCLOPHILINES ET LEURS UTILISATIONS**
[72] JORAND-LEBRUN, CATHERINE, US
[72] JOHNSON, THERESA L., US
[72] GRAEDLER, ULRICH, DE
[72] JIANG, XULIANG, US
[72] KULKARNI, SANTOSH, IN
[71] MERCK PATENT GMBH, DE
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[54] **RETRACTABLE FIREARM SUPPORT ASSEMBLY**
[54] **ENSEMBLE SUPPORT D'ARME A FEU RETRACTABLE**
[72] BEACHLI, DALTON FRANCIS, CA
[72] ANTONAK, JURAJ, CA
[71] BLK LBL CORPORATION, CA
[85] 2018-08-29
[86] 2017-02-21 (PCT/CA2017/050217)
[87] (WO2017/147689)
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[54] **KNIT SOCK WITH TARGETED COMPRESSION ZONES, AND METHOD FOR LIFTING AND STRETCHING THE PLANTAR FASCIA**
[54] **CHAUSSETTE TRICOTEE AVEC ZONES DE COMPRESSION CIBLEES ET PROCEDE DE SOULEVEMENT ET D'ETIREMENT DU FASCIA PLANTAIRE**
[72] GAITHER, HUGH, US
[72] GAITHER, JOHN, US
[72] RICHARD, JAMES, US
[71] FLAGSHIP BRANDS, LLC, US
[85] 2018-08-28
[86] 2018-01-22 (PCT/US2018/014673)
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[25] EN
[54] **MEASUREMENT METHODS AND DEVICES FOR VEHICLE TIRES**
[54] **PROCEDES ET DISPOSITIFS DE MESURE POUR PNEUMATIQUES DE VEHICULE**
[72] ERDELYI, CHRISTIAN, CA
[72] GOODE, PHILLIP MARK RYALL, CA
[72] NILSSON, JAN PETER, CA
[71] KAL TIRE, CA
[85] 2018-08-29
[86] 2017-02-16 (PCT/CA2017/050206)
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[54] **EXTRAPOLATING TRENDS IN TRUST SCORES**
[54] **EXTRAPOLATION DES TENDANCES EN MATIERE D'INDICES DE CONFIANCE**
[72] MAWJI, ASHIF, CA
[72] TRUDEL, CHRIS, CA
[71] WWW.TRUSTSCIENCE.COM INC., CA
[85] 2018-08-29
[86] 2017-02-28 (PCT/CA2017/050257)
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[25] EN
[54] **EGFR INHIBITOR FREE BASE OR ACID SALT POLYCRYSTALLINE FORM, PREPARATION METHOD THEREFOR, AND APPLICATION**
[54] **FORME POLYCRISTALLINE DE BASE LIBRE OU DE SEL D'ACIDE D'INHIBITEUR D'EGFR, PROCEDE POUR SA PREPARATION ET APPLICATION**
[72] CHEN, ZHONGKE, CN
[72] LIU, FUPING, CN
[72] LIU, LEI, CN
[72] BAO, RUDI, CN
[71] JIANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD., CN
[71] SHANGHAI HANSOH BIOMEDICAL CO., LTD., CN
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[54] **PROCESS FOR MANUFACTURING PAPER AND BOARD**
[54] **PROCEDE DE FABRICATION DE PAPIER ET DE CARTON**
[72] FAUCHER, GATIEN, FR
[72] FOUGEROUSE, DAMIEN, FR
[72] HUND, RENE, FR
[71] S.P.C.M. SA, FR
[85] 2018-08-29
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[54] **COMPOUNDS FOR THE INHIBITION OF CYCLOPHILINS AND USES THEREOF**
[54] **COMPOSES INHIBITEURS DE CYCLOPHILINES ET LEURS UTILISATIONS**
[72] JORAND-LEBRUN, CATHERINE, US
[72] JOHNSON, THERESA L., US
[72] GRAEDLER, ULRICH, DE
[72] JIANG, XULIANG, US
[72] ROCHE, DIDIER, FR
[72] LEMOINE, HUGUES, FR
[72] GILARDONE, MARINE, FR
[71] MERCK PATENT GMBH, DE
[85] 2018-08-28
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[25] EN
[54] **PACKAGED AMBIENT COFFEE BEVERAGE WITH AERATED TEXTURE UPON HAND SHAKING**
[54] **BOISSON AU CAFE CONDITIONNEE, STABLE A TEMPERATURE AMBIANTE, PRESENTANT UNE TEXTURE MOUSSEUSE LORSQU'ELLE EST SECOUEE MANUELLEMENT**
[72] YAO, YUAN, CN
[72] SUN, ZHONGWEI, CN
[72] ZENGFENG, SONG, CN
[72] SHER, ALEXANDER A., US
[71] NESTEC S.A., CH
[85] 2018-08-29
[86] 2017-02-28 (PCT/EP2017/054604)
[87] (WO2017/148920)
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[25] EN
[54] **SUBSTITUTED NUCLEOSIDE ANALOGUES FOR USE AS PRMT5 INHIBITORS**
[54] **ANALOGUES DE NUCLEOSIDES SUBSTITUES DESTINES A ETRE UTILISES EN TANT QU'INHIBITEURS DE PRMT5**
[72] BERTHELOT, DIDIER JEAN-CLAUDE, BE
[72] BREHMER, DIRK, BE
[72] BEKE, LIJS, BE
[72] BOECKX, AN, BE
[72] DIELS, GASTON STANISLAS MARCELLA, BE
[72] GILISSEN, RONALDUS ARNODUS HENDRIKA JOSEPH, BE
[72] LAWSON, EDWARD CHARLES, US
[72] PANDE, VINEET, BE
[72] PARADE, MARCUS CORNELIS BERNARDUS CATHARINA, BE
[72] SCHEPENS, WIM BERT GRIET, BE
[72] SHOOK, BRIAN CHRISTOPHER, US
[72] THURING, JOHANNES WILHELMUS JOHN F., BE
[72] VIELLEVOYE, MARCEL, BE
[72] SUN, WEIMEI, US
[72] WU, TONGFEI, BE
[72] MEERPOEL, LIEVEN, BE
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2018-08-29
[86] 2017-02-24 (PCT/EP2017/054324)
[87] (WO2017/153186)
[30] US (62/306,222) 2016-03-10
[30] EP (16162731.0) 2016-03-30

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[51] **Int.Cl. C07K 16/42 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **CLINICAL ASSESSMENT OF M-PROTEIN RESPONSE IN MULTIPLE MYELOMA**
[54] **EVALUATION CLINIQUE DE REPONSE DE PROTEINE M DANS LE MYELOME MULTIPLE**
[72] HARTLE, STEFAN, DE
[71] MORPHOSYS AG, DE
[85] 2018-08-29
[86] 2017-03-03 (PCT/EP2017/055011)
[87] (WO2017/149122)
[30] EP (16158714.2) 2016-03-04

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[25] EN
[54] **DEHYDRATED NA2-IMP AS ANTI-CAKING AGENT**
[54] **UTILISATION DE L'IMP-NA2 DESHYDRATEE COMME AGENT ANTI-AGGLOMERANT**
[72] FORNY, LAURENT, CH
[72] NG, YUN TING SHERRILYN, SG
[72] ULMER, HELGE, DE
[71] NESTEC S.A., CH
[85] 2018-08-29
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[25] EN
[54] **MEDICAL EXAMINATION GLOVES**
[54] **GANTS D'EXAMEN MEDICAL**
[72] GROS, ROBERT, GB
[72] WIGHT, PAUL, GB
[71] CHEMICAL INTELLIGENCE LIMITED, GB
[85] 2018-08-29
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[51] **Int.Cl. H01M 8/0265 (2016.01) H01M 8/2465 (2016.01)**
[25] EN
[54] **FUEL CELL FLOW FIELD DESIGN FOR THERMAL MANAGEMENT**
[54] **CONCEPTION DE CHAMP D'ECOULEMENT DE PILES A COMBUSTIBLE POUR GESTION THERMIQUE**
[72] PAONE, MATTHEW PAUL, CA
[72] MACKINNON, SEAN MICHAEL, CA
[72] KINGMA, RAOUL JACOB, CA
[72] GALATI, SHEILAH MELISSA, CA
[72] MONTIE, GREG JOHN, CA
[71] LOOP ENERGY INC., CA
[85] 2018-08-29
[86] 2017-03-21 (PCT/CA2017/050358)
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[51] **Int.Cl. A61K 38/22 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR USE IN THE TREATMENT OF NEUROLOGICAL DISEASE**
[54] **COMPOSITIONS A UTILISER DANS LE TRAITEMENT D'UNE MALADIE NEUROLOGIQUE**
[72] MCCLEAN, PAULA, GB
[71] UNIVERSITY OF ULSTER, GB
[85] 2018-08-29
[86] 2017-02-28 (PCT/EP2017/054665)
[87] (WO2017/148960)
[30] GB (1603510.7) 2016-02-29

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[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/52 (2006.01) A47J 31/46 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION MACHINE WITH TWO-LIQUID CIRCUITS AND ELECTRONIC DEVICE FOR CONTROLLING THE SAME**
[54] **MACHINE DE PREPARATION DE BOISSONS COMPRENANT DES CIRCUITS A DEUX LIQUIDES ET DISPOSITIF ELECTRONIQUE POUR SA COMMANDE**
[72] MAGATTI, MARCO, CH
[72] RITHENER, BLAISE, CH
[71] NESTEC S.A., CH
[85] 2018-08-29
[86] 2017-03-28 (PCT/EP2017/057279)
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[30] EP (16164184.0) 2016-04-07

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[51] **Int.Cl. G01N 33/86 (2006.01)**
[25] EN
[54] **BIOMARKERS FOR PREDICTING DEGREE OF WEIGHT LOSS**
[54] **MARQUEURS BIOLOGIQUES POUR PREDIRE LE DEGRE DE PERTE PONDERALE**
[72] IRINCHEEVA, IRINA, CH
[72] HAGER, JORG, FR
[72] DAYON, LOIC, CH
[72] COMINETTI, ORNELLA, CH
[71] NESTEC S.A., CH
[85] 2018-08-29
[86] 2017-04-06 (PCT/EP2017/058183)
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[30] EP (16164025.5) 2016-04-06

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[13] A1
[51] **Int.Cl. G01N 33/483 (2006.01)**
[25] EN
[54] **METHOD FOR ASSESSING PAIN CAUSED BY ADMINISTRATION OF DRUG SOLUTION, AND METHOD FOR SELECTING DRUG SOLUTION ADMINISTRATION**
[54] **PROCEDE D'EVALUATION DE LA DOULEUR CAUSEE PAR L'ADMINISTRATION D'UNE SOLUTION DE MEDICAMENT, PROCEDE DE SELECTION D'ADMINISTRATION DE SOLUTION DE MEDICAMENT**
[72] AMI, NOZOMI, JP
[72] TAMATSUKURI, SHIGERU, JP
[71] TERUMO KABUSHIKI KAISHA, JP
[85] 2018-08-29
[86] 2016-03-04 (PCT/JP2016/056741)
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[51] **Int.Cl. A61K 31/54 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **SULTIAME FOR THE TREATMENT OF SLEEP APNEA**
[54] **SULTIAME POUR LE TRAITEMENT DE L'APNEE DU SOMMEIL**
[72] HEDNER, JAN, SE
[72] GROTE, LUDGER, SE
[72] STENLOF, KAJ, SE
[71] HEDNER, JAN, SE
[71] GROTE, LUDGER, SE
[71] STENLOF, KAJ, SE
[85] 2018-08-29
[86] 2017-05-09 (PCT/EP2017/061081)
[87] (WO2017/194551)
[30] SE (1650636-2) 2016-05-11

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[13] A1
[51] **Int.Cl. H01L 31/048 (2014.01) H01L 31/0525 (2014.01)**
[25] EN
[54] **PHOTOVOLTAIC MODULE, HYBRID PHOTOVOLTAIC/THERMAL MODULE AND MANUFACTURING METHOD THEREOF**
[54] **MODULE PHOTOVOLTAIQUE, MODULE HYBRIDE PHOTOVOLTAIQUE/THERMIQUE ET PROCEDE POUR SA FABRICATION**
[72] CAO, WENBING, CN
[72] YAN, DELIN, CN
[72] LIU, HONGMING, CN
[72] LIN, JIAHUI, CN
[72] WANG, HAO, CN
[71] GREE ELECTRIC APPLIANCES, INC.OF ZHUHAI, CN
[85] 2018-08-29
[86] 2017-01-22 (PCT/CN2017/072031)
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[30] CN (201610110791.2) 2016-02-29

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[51] **Int.Cl. A61K 6/08 (2006.01) B82Y 30/00 (2011.01) A61C 8/00 (2006.01) A61C 13/087 (2006.01) A61C 13/10 (2006.01)**
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[54] **DENTAL MATERIAL**
[54] **MATERIAU DENTAIRE**
[72] KURIYAMA, TAKUYA, JP
[71] CELUMIX INC., JP
[85] 2018-08-29
[86] 2017-03-01 (PCT/JP2017/008181)
[87] (WO2017/150634)
[30] JP (2016-039051) 2016-03-01

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[51] **Int.Cl. F03D 3/04 (2006.01) F03D 9/43 (2016.01) F03D 13/20 (2016.01)**
[25] EN
[54] **WINDMILL GENERATOR ASSOCIATED WITH A CONSTRUCTION**
[54] **EOLIENNE ASSOCIEE A UNE CONSTRUCTION**
[72] KLARENBERG, ALEJANDRO JOSE, NL
[72] BLANCO, ROBERTO HORACIO, AR
[72] CIANNI, LUCIANO ENRIQUE, AR
[72] PIZARRO, JUAN PABLO, AR
[71] KLARENBERG, ALEJANDRO JOSE, NL
[71] CIANNI, LUCIANO ENRIQUE, AR
[71] PIZARRO, JUAN PABLO, AR
[85] 2018-08-29
[86] 2017-02-28 (PCT/IB2017/000259)
[87] (WO2017/149389)
[30] AR (P20160100536) 2016-03-01

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[51] **Int.Cl. B67D 1/14 (2006.01) B67D 1/00 (2006.01)**
[25] EN
[54] **BEVERAGE TAP INSTALLATION**
[54] **INSTALLATION DE ROBINET A BOISSONS**
[72] DIRX, LIEVEN, BE
[72] VANDEKERCKHOVE, STIJN, BE
[71] ANHEUSER-BUSCH INBEV S.A., BE
[85] 2018-08-29
[86] 2017-03-02 (PCT/EP2017/054931)
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[30] EP (16158257.2) 2016-03-02

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[54] **OXYGEN BARRIER FILM AND LAMINATE AND METHODS OF MANUFACTURING THE SAME**
[54] **FILM DE BARRIERE CONTRE L'OXYGENE ET STRATIFIE ET LEURS PROCEDES DE FABRICATION**
[72] HEISKANEN, ISTO, FI
[72] SAUKKONEN, ESA, FI
[72] RIBU, VILLE, FI
[71] STORA ENSO OYJ, FI
[85] 2018-08-29
[86] 2017-03-20 (PCT/IB2017/051597)
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[54] **PHARMACEUTICAL FORMULATION**
[54] **FORMULATION PHARMACEUTIQUE**
[72] YATES, ANDREW JEFFREY, AU
[72] CLIPSTONE, JAMES GREGORY, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2018-08-29
[86] 2017-03-09 (PCT/EP2017/055594)
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[54] **METHOD TO CONTROL PYRIMETHANIL TOLERANT FUNGI**
[54] **PROCEDE DE LUTTE CONTRE DES CHAMPIGNONS TOLERANTS AU PYRIMETHANIL**
[72] DE BOLLE, MIGUEL FRANCESCO COLETA, BE
[72] BARKER, MARTYN CHARLES, BE
[72] VERHEYEN, DIMITRI DENNIS PAUL, BE
[71] JANSSEN PHARMACEUTICA NV, BE
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[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF INFLUENZA VIRUS**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DU VIRUS DE LA GRIPPE**
[72] LAU, JOHNSON, US
[72] HUNG, IVAN, CN
[72] TO, KELVIN, CN
[72] ZHANG, ANNA, CN
[72] CHAN, JASPER, CN
[72] FOK, MANSON, CN
[72] YUEN, KWOK-YUNG, CN
[71] EMERGING VIRAL THERAPEUTICS (HK) LIMITED, CN
[85] 2018-08-29
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[25] EN
[54] **HERBICIDES**
[54] **HERBICIDES**
[72] CARTER, NEIL BRIAN, GB
[72] BRIGGS, EMMA, GB
[72] LING, KENNETH, GB
[72] MORRIS, JAMES ALAN, GB
[72] MORRIS, MELLONEY, GB
[72] WAILES, JEFFREY STEVEN, GB
[72] WILLIAMS, JOHN, GB
[71] SYNGENTA PARTICIPATIONS AG, CH
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[25] EN
[54] **COMPOSITION USED TO IMPROVE SYMPTOMS OF AUTISM SPECTRUM DISORDER, AND METHOD USING SAME FOR IMPROVING SYMPTOMS OF AUTISM SPECTRUM DISORDER**
[54] **COMPOSITION UTILISEE POUR AMELIORER LES SYMPTOMES DU TROUBLE DU SPECTRE AUTISTIQUE ET PROCEDE L'UTILISANT POUR AMELIORER LES SYMPTOMES DU TROUBLE DU SPECTRE AUTISTIQUE**
[72] MIYATA, TOSHIO, JP
[72] KURE, SHIGEO, JP
[72] KURIYAMA, SHINICHI, JP
[72] SATO, HIROKI, JP
[71] RENASCIENCE CO., LTD., JP
[71] TOHOKU UNIVERSITY, JP
[85] 2018-08-29
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[54] **HERBICIDES**
[54] **HERBICIDES**
[72] CARTER, NEIL BRIAN, GB
[72] BRIGGS, EMMA, GB
[72] MORRIS, JAMES ALAN, GB
[72] MORRIS, MELLONEY, GB
[72] TATE, JOSEPH ANDREW, GB
[72] WAILES, JEFFREY STEVEN, GB
[72] WILLIAMS, JOHN, GB
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2018-08-29
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[54] **CARBAMATE DERIVATIVE COMPOUNDS, PROCESSES FOR PREPARING THEM AND THEIR USES**
[54] **COMPOSES DE DERIVES DE CARBAMATE, LEURS PROCEDES DE PREPARATION ET LEURS UTILISATIONS**
[72] CHOI, YONG MOON, KR
[71] BIO-PHARM SOLUTIONS CO., LTD., KR
[85] 2018-08-29
[86] 2017-02-28 (PCT/KR2017/002236)
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[25] EN
[54] **FEEDING SPOUT, PACKAGE COMPRISING A FEEDING SPOUT AND METHOD OF PRODUCING A FEEDING SPOUT**
[54] **BEC D'ALIMENTATION, EMBALLAGE COMPRENANT UN BEC D'ALIMENTATION ET PROCEDE DE FABRICATION D'UN BEC D'ALIMENTATION**
[72] GENAW, JOEL DEAN, JR., US
[72] SMITH-SIMPSON, SARAH ELIZABETH, US
[72] SMITH, CHRISTOPHER ROBERT, US
[72] MOSSER, SARA LYNN, US
[72] RODGERS, MATTHEW BLAKE, US
[71] NESTEC S.A., CH
[85] 2018-08-29
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[25] EN
[54] **PROCESS FOR PRODUCING A MULTI-LAYERED FILM WEB**
[54] **PROCEDE DE FABRICATION D'UNE BANDE SOUS FORME DE FEUILLE MULTICOUCHE**
[72] BORMANN, LUDWIG, DE
[71] RKW SE, DE
[85] 2018-08-29
[86] 2017-03-22 (PCT/EP2017/056837)
[87] (WO2017/162746)
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[54] **MAILBOX INSERT**
[54] **GARNITURE POUR BOITE AUX LETTRES**
[72] DE LA NUEZ, NELSON R., US
[72] RAGAN, WADE A., US
[72] DE LA NUEZ, JOSHUA R., US
[71] DE LA NUEZ, NELSON R., US
[71] RAGAN, WADE A., US
[71] DE LA NUEZ, JOSHUA R., US
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[25] EN
[54] **BATH ELECTRICAL HEATING DEVICE FOR DEACTIVATION**
[54] **DISPOSITIF POUR RECHAUFFER UNE CUVE DE DESACTIVATION**
[72] GAVRILIN, VIKTOR ALEKSEEVICH, RU
[72] STREBNEV, ALEKSANDR NIKOLAEVICH, RU
[71] JOINT STOCK COMPANY "SCIENCE AND INNOVATIONS" ("SCIENCE AND INNOVATIONS", JSC), RU
[71] JOINT STOCK COMPANY "EXPERIMENTAL AND DESIGN ORGANIZATION "GIDROPRESS" AWARDED THE ORDER OF THE RED BANNER OF LABOUR AND CZSR ORDER OF LABOUR, RU
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[54] **TAMPONNADE PAR PRESSION INTRAOCULAIRE AUTOMATISE**
[72] PAPAC, MICHAEL J., US
[71] NOVARTIS AG, CH
[85] 2018-08-29
[86] 2017-04-24 (PCT/IB2017/052342)
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[25] EN
[54] **PROCESS FOR PRODUCING A FILLED FILM WEB**
[54] **PROCEDE DE FABRICATION D'UNE BANDE SOUS FORME DE FEUILLE REMPLIE**
[72] BORMANN, LUDWIG, DE
[71] RKW SE, DE
[85] 2018-08-29
[86] 2017-03-22 (PCT/EP2017/056839)
[87] (WO2017/162748)
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[54] **METHODS AND A COMPUTING DEVICE FOR DETERMINING WHETHER A MARK IS GENUINE**
[54] **PROCEDES ET DISPOSITIF INFORMATIQUE DE DETERMINATION D'AUTHENTICITE D'UNE MARQUE**
[72] VOIGT, MATTHIAS, US
[72] SOBORSKI, MICHAEL L., US
[72] AYOUB, RAFIK, US
[71] SYS-TECH SOLUTIONS, INC., US
[85] 2018-08-28
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[54] **AEROGEL POLYMERE PRESENTANT DES PROPRIETES MECANIQUES ET THERMIQUES AMELIOREES**
[72] POE, GARRETT D., US
[72] IRVIN, DAVID J., US
[72] JOAQUIN, ALYSA M., US
[72] MANNING, JANAE D., US
[72] SAKAGUCHI, ALAN D., US
[71] BLUESHIFT MATERIALS, INC., US
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[54] **FASTENER**
[54] **ELEMENT DE FIXATION**
[72] TOBA, MAYUMI, JP
[72] KAWAKITA, YUKITOMO, JP
[72] KAWAKITA, YASUHIRO, JP
[71] ADERANS COMPANY LIMITED, JP
[71] KAWAKITA INC., JP
[85] 2018-08-29
[86] 2017-03-06 (PCT/JP2017/008813)
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[54] **METHOD FOR PREPARING CUT AND FROZEN VEGETABLES**
[54] **PROCEDE DE PREPARATION DE LEGUMES COUPES ET CONGELES**
[72] ROLLI, GIAN PAOLO, IT
[71] INDUSTRIE ROLLI ALIMENTARI S.P.A., IT
[85] 2018-08-29
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[51] **Int.Cl. E01C 5/22 (2006.01) E01C 5/14 (2006.01) E01C 9/08 (2006.01)**
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[54] **INDUSTRIAL MATS HAVING COST EFFECTIVE CORE SUPPORT STRUCTURES**
[54] **TAPIS INDUSTRIELS AYANT DES STRUCTURES DE SUPPORT DE C□UR ECONOMIQUES**
[72] PENLAND, JOE, JR., US
[72] CALVERT, SCOTT, US
[71] QUALITY MAT COMPANY, US
[85] 2018-08-29
[86] 2017-01-24 (PCT/US2017/014658)
[87] (WO2017/151242)
[30] US (15/056,212) 2016-02-29
[30] US (15/081,340) 2016-03-25
[30] US (15/155,685) 2016-05-16
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[25] EN
[54] **SYSTEM AND METHOD FOR ANALYZING DRILL CORE SAMPLES**
[54] **SYSTEME ET PROCEDE D'ANALYSE D'ECHANTILLONS DE CAROTTE DE SONDAGE**
[72] ARTURSSON, MIKAEL, SE
[72] SJOQVIST, AXEL, SE
[71] MINALYZE AB, SE
[85] 2018-08-29
[86] 2017-03-06 (PCT/SE2017/050205)
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[54] **CONNECTION ARRANGEMENT FOR CONNECTING A PIPELINE**
[54] **ENSEMBLE DE LIAISON SERVANT AU RACCORDEMENT D'UNE CONDUITE TUBULAIRE**
[72] KONIG, ULRICH STEFAN, DE
[71] WALTER STAUFFENBERG GMBH & CO. KG, DE
[85] 2018-08-29
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[54] **LUBRICATING OIL COMPOSITION HAVING IMPROVED AIR RELEASE**
[54] **COMPOSITION D'HUILE LUBRIFIANTE A POUVOIR DE DESAERATION AMELIORE**
[72] HOBSON, DAVID M., GB
[72] SMITH, TIMOTHY R., GB
[72] PRICE, DAVID, GB
[71] THE LUBRIZOL CORPORATION, US
[85] 2018-08-29
[86] 2017-02-20 (PCT/US2017/018587)
[87] (WO2017/151334)
[30] US (62/302,862) 2016-03-03

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[25] EN
[54] **USER INTERFACE FOR A COOKING SYSTEM**
[54] **INTERFACE UTILISATEUR POUR SYSTEME DE CUISSON**
[72] VENGROFF, DARREN ERIK, US
[72] TESSIER, PHILIP, US
[72] KASTNER, MARTIN, US
[71] MEYER INTELLECTUAL PROPERTIES LIMITED, CN
[71] VENGROFF, DARREN ERIK, US
[71] TESSIER, PHILIP, US
[71] KASTNER, MARTIN, US
[85] 2018-08-29
[86] 2017-02-17 (PCT/US2017/018365)
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[51] **Int.Cl. G06F 19/00 (2018.01)**
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[54] **BOLUS CALCULATOR WITH PROBABILISTIC GLUCOSE MEASUREMENTS**
[54] **CALCULATEUR DE BOLUS AVEC MESURES DU GLUCOSE PROBABILISTES**
[72] DUKE, DAVID L., US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-08-29
[86] 2017-02-23 (PCT/US2017/019030)
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[25] EN
[54] **UNMANNED AIRCRAFT SYSTEMS WITH A CUSTOMER INTERFACE SYSTEM AND METHODS OF DELIVERY UTILIZING UNMANNED AIRCRAFT SYSTEMS**
[54] **SYSTEMES D'AERONEF SANS PILOTE POURVUS D'UN SYSTEME D'INTERFACE CLIENT, ET PROCEDES DE LIVRAISON UTILISANT DES SYSTEMES D'AERONEF SANS PILOTE**
[72] THOMPSON, JOHN P., US
[72] HIGH, DONALD R., US
[72] JONES, NATHAN G., US
[72] WINKLE, DAVID C., US
[72] MCHALE, BRIAN G., GB
[71] WALMART APOLLO, LLC, US
[85] 2018-08-29
[86] 2017-02-22 (PCT/US2017/018786)
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[25] EN
[54] **SYSTEM AND METHOD FOR FACILITATING A PURCHASE TRANSACTION VIA A MERCHANT'S FOREIGN WEBSITE**
[54] **SYSTEME ET PROCEDE DESTINES A FACILITER UNE TRANSACTION D'ACHAT PAR L'INTERMEDIAIRE D'UN SITE WEB MARCHAND ETRANGER**
[72] BENNETT, ANDREW, US
[72] TATE, DAVID, US
[71] BLACKHAWK NETWORK, INC., US
[85] 2018-08-29
[86] 2017-02-23 (PCT/US2017/019031)
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[30] US (62/301,387) 2016-02-29

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[54] **CLOSED CAPSULE WITH OPENING MEANS AND INTEGRAL BARRIER LAYER**
[54] **CAPSULE FERMEE DOTEE D'UN MOYEN D'OUVERTURE ET D'UNE COUCHE BARRIERE INTEGREE**
[72] NORDQVIST, DAVID, CH
[72] HEYDEL, CHRISTOPHE SEBASTIEN PAUL, CH
[71] NESTEC S.A., CH
[85] 2018-08-29
[86] 2017-03-30 (PCT/EP2017/057546)
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[30] EP (16164275.6) 2016-04-07

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[54] **HYBRID CRANE MATS WITH LIFTING ELEMENTS**
[54] **GRILS-SUPPORTS DE GRUE HYBRIDES COMPRENANT ELEMENTS DE LEVAGE**
[72] PENLAND, JOE, JR., US
[72] CALVERT, SCOTT, US
[72] RICHARDSON, CHRIS L., US
[72] CARBAUGH, MIKE, US
[71] QUALITY MAT COMPANY, US
[85] 2018-08-29
[86] 2017-01-24 (PCT/US2017/014661)
[87] (WO2017/151244)
[30] US (15/056,212) 2016-02-29
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[25] EN
[54] **PATIENT DIABETES MONITORING SYSTEM WITH CLUSTERING OF UNSUPERVISED DAILY CGM PROFILES (OR INSULIN PROFILES) AND METHOD THEREOF**
[54] **SYSTEME DE SURVEILLANCE DE DIABETE DE PATIENT AVEC GROUPEMENT DE PROFILS CGM QUOTIDIENS NON SUPERVISES (OU PROFILS D'INSULINE) ET PROCEDE CORRESPONDANT**
[72] DUKE, DAVID L., US
[72] STEIGER, BERND, DE
[72] MANOHAR, CHINMAY UDAY, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-08-29
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[25] EN
[54] **FLUID REGULATION SYSTEM**
[54] **SYSTEME DE REGULATION DE FLUIDE**
[72] YOUNG, ROY EARL, II, US
[71] CARLISLE FLUID TECHNOLOGIES, INC., US
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[54] **SONDE ELECTRO-CHIRURGICALE DESTINEE A ADMINISTRER UNE ENERGIE RF ET MICRO-ONDES**
[72] HANCOCK, CHRISTOPHER PAUL, GB
[72] BURN, PATRICK, GB
[72] SHAH, PALLAV, GB
[71] CREO MEDICAL LIMITED, GB
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[54] **HEATER BUNDLE FOR ADAPTIVE CONTROL**
[54] **FAISCEAU CHAUFFANT POUR COMMANDE ADAPTATIVE**
[72] EVERLY, MARK, US
[72] STEINHAUSER, LOUIS P., US
[71] WATLOW ELECTRIC MANUFACTURING COMPANY, US
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[54] **BOUCHON DE FRACTURATION**
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[72] ANTON, KENNETH J., US
[71] TERCEL OILFIELD PRODUCTS USA LLC, US
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[54] **PROCEDES DE MODULATION DE BCKDH**
[72] CARAYOL, JEROME, CH
[72] HAGER, JORG, FR
[72] VALSESIA, ARMAND, CH
[71] NESTEC S.A., CH
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[54] **TIME-DIVISION MULTIPLEXING TRANSMISSION TIME INTERVALS WITHIN A SUBFRAME OR SLOT FOR MMW SCHEDULING**
[54] **INTERVALLES DE TEMPS DE TRANSMISSION DE MULTIPLEXAGE PAR REPARTITION TEMPORELLE A L'INTERIEUR D'UNE SOUS-TRAME OU D'UN CRENEAU DESTINES A UNE PLANIFICATION MMW**
[72] SUBRAMANIAN, SUNDAR, US
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] SAMPATH, ASHWIN, US
[72] LI, JUNYI, US
[72] CEZANNE, JUERGEN, US
[72] JI, TINGFANG, US
[72] GOROKHOV, ALEXEI YURIEVITCH, US
[72] ISLAM, MUHAMMAD NAZMUL, US
[71] QUALCOMM INCORPORATED, US
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[54] **MANUAL LIFT SYSTEM FOR BED POWER ASSIST WHEEL**
[54] **SYSTEME ELEVATEUR MANUEL POUR ROUE D'ASSISTANCE ELECTRIQUE POUR LIT**
[72] WILSON, KEVIN, US
[72] DELLACA, THOMAS ANTHONY, US
[71] HUNTLEIGH TECHNOLOGY LIMITED, GB
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[54] **RESISTIVE BASED COMBUSTION SENSING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE DETECTION DE COMBUSTION A BASE RESISTIVE**
[72] FOSAAEN, KEN ERVIN, US
[72] GITANO-BRIGGS, HORIZON WALKER, MY
[71] KERDEA TECHNOLOGIES, INC., US
[85] 2018-08-29
[86] 2017-03-06 (PCT/US2017/020910)
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[54] **GAIN DE REGULATEUR FONDE SUR UNE PROBABILITE**
[72] BUCK, HARVEY B., JR., US
[72] DUKE, DAVID L., US
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 2018-08-29
[86] 2017-02-23 (PCT/US2017/019025)
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[25] EN
[54] **RESISTIVE BASED NOX SENSING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL RESISTIFS DE DETECTION DE NOX A BASE RESISTIVE**
[72] FOSAAEN, KEN ERVIN, US
[71] KERDEA TECHNOLOGIES, INC., US
[85] 2018-08-29
[86] 2017-03-08 (PCT/US2017/021319)
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[54] **SMALL MOLECULE IRE1-ALPHA INHIBITORS**
[54] **INHIBITEURS IRE1-ALPHA A PETITES MOLECULES**
[72] GLIMCHER, LAURIE H., US
[72] BETTIGOLE, SARAH ELIZABETH, US
[72] RUIZ, JUAN RODRIGO CUBILLOS, US
[72] VACCA, JOSEPH P., US
[71] CORNELL UNIVERSITY, US
[85] 2018-08-29
[86] 2017-03-03 (PCT/US2017/020773)
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[54] **STRUCTURE D'ANTENNE**
[72] HANCOCK, CHRISTOPHER PAUL, GB
[72] WHITE, MALCOLM, GB
[72] BURN, PATRICK, GB
[71] CREO MEDICAL LIMITED, GB
[85] 2018-08-29
[86] 2017-05-19 (PCT/EP2017/062199)
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE DETECTION AND DIAGNOSIS OF RENAL DISEASE AND PERIODONTAL DISEASE**
[54] **PROCEDES ET COMPOSITIONS POUR LA DETECTION ET LE DIAGNOSTIC D'UNE MALADIE RENALE ET D'UNE MALADIE PARODONTALE**
[72] YERRAMILLI, MAHALAKSHMI, US
[72] FARACE, GIOSI, US
[72] QUINN, JOHN JOSEPH, US
[72] YERRAMILLI, MURTHY V.S.N., US
[71] IDEXX LABORATORIES, INC., US
[85] 2018-08-29
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[54] **INDUCIBLE BINDING PROTEINS AND METHODS OF USE**
[54] **PROTEINES DE LIAISON INDUCTIBLES ET METHODES D'UTILISATION**
[72] BAEUERLE, PATRICK, DE
[72] DUBRIDGE, ROBERT B., US
[72] WESCHE, HOLGER, US
[72] EVNIN, LUKE, US
[72] GUENOT, JEANMARIE, US
[72] PANCHAL, ANAND, US
[72] VINOGRADOVA, MAIA, US
[71] MAVERICK THERAPEUTICS, INC., US
[85] 2018-08-29
[86] 2017-03-08 (PCT/US2017/021435)
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[54] **ENCODED INFORMATION MEANS LOCATED ON AN INFRASTRUCTURE TO BE DECODED BY SENSORS LOCATED ON MOBILES**
[54] **MOYENS D'INFORMATION CODEE SITUES DANS UNE INFRASTRUCTURE PREVUS POUR ETRE DECODES PAR DES CAPTEURS SITUES SUR DES VEHICULES OU OBJETS MOBILES**
[72] BADOLATO MARTIN, ALEJANDRO, ES
[71] AUTO DRIVE SOLUTIONS S.L., ES
[85] 2018-08-29
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[54] **STRAIN RELIEF CONNECTOR ASSEMBLIES FOR ELECTRICAL WIRING**
[54] **ENSEMBLES CONNECTEURS DE DETENTE DE CONTRAINTE POUR CABLAGE ELECTRIQUE**
[72] ITZLER, ROY J., US
[72] WILLIAMS, MICHAEL K., US
[72] ZBRIGER, MICHAEL J., US
[71] HUBBELL INCORPORATED, US
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[54] **METHODS AND SYSTEMS OF RECOMMENDING MEDIA ASSETS TO USERS BASED ON CONTENT OF OTHER MEDIA ASSETS**
[54] **PROCEDES ET SYSTEMES DE RECOMMANDATION D'ELEMENTS MULTIMEDIA A DES UTILISATEURS SUR LA BASE DE CONTENUS D'ELEMENTS MULTIMEDIAS**
[72] KLAPPERT, WALTER R., US
[72] SHAW, DUSTIN, US
[72] NICHOLS, MICHAEL R., US
[72] GARCIA, CHRISTY, US
[72] NELSON, TRICIA, US
[72] MARTIN, DEREK, US
[71] ROVI GUIDES, INC., US
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[25] EN
[54] **METHODS FOR MODULAR SYNTHESIS OF N-GLYCANS AND ARRAYS THEREOF**
[54] **PROCEDES DE SYNTHESE MODULAIRE DE N-GLYCANES ET DE PUCES A N-GLYCANES**
[72] WONG, CHI-HUEY, US
[72] WU, CHUNG-YI, TW
[72] SHIVATARE, SACHIN S., TW
[71] ACADEMIA SINICA, TW
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[54] **ENGINEERED TENDON GRAFT FOR ROTATOR CUFF REPAIR**
[54] **GREFFON DE TENDON MODIFIE POUR REPARATION DE COIFFE DES ROTATEURS**
[72] LARKIN, LISA M., US
[72] ARRUDA, ELLEN M., US
[72] SMIETANA, MICHAEL, US
[72] BEDI, ASHEESH, US
[72] NOVAKOVA, STOYNA, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[54] **DERIVATIVES OF AMANITA TOXINS AND THEIR CONJUGATION TO A CELL BINDING MOLECULE**
[54] **DERIVES DE TOXINES D'AMANITES ET LEUR CONJUGAISON A UNE MOLECULE DE LIAISON CELLULAIRE**
[72] ZHAO, ROBERT YONGXIN, CN
[72] YANG, QINGLIANG, CN
[72] HUANG, YUANYUAN, CN
[72] GAI, SHUN, CN
[72] YE, HANGBO, CN
[72] YANG, CHENGYU, CN
[72] GUO, HUIHUI, CN
[72] ZHOU, XIAOMAI, CN
[72] XIE, HONGSHENG, CN
[72] TONG, QIANQIAN, CN
[72] CAO, MINJUN, CN
[72] ZHAO, LINYAO, CN
[72] JIA, JUNXIANG, CN
[72] LI, WENJUN, CN
[72] ZUO, XIAOTAO, CN
[72] LIN, CHEN, CN
[72] XU, YIFANG, CN
[72] GUO, ZIXIANG, CN
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[54] **STRUCTURES DE SONDES GUIDES D'ONDES AVEC SURFACES GUIDEES**
[72] CORUM, JAMES F., US
[72] CORUM, KENNETH L., US
[71] CPG TECHNOLOGIES, LLC, US
[85] 2018-08-29
[86] 2017-03-09 (PCT/US2017/021597)
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[54] **FRACTIONATING MILK AND UHT STERILIZATION OF MILK FRACTIONS**
[54] **FRACTIONNEMENT DU LAIT ET STERILISATION UHT DE FRACTIONS DE LAIT**
[72] UR-REHMAN, SHAKEEL, US
[72] KOPESKY, BRANDON, US
[72] BACKINOFF, SCOTT, US
[72] DOELMAN, TIMONTY PETER, US
[72] WHITE, CALVIN, US
[71] FAIRLIFE, LLC, US
[85] 2018-08-29
[86] 2017-03-01 (PCT/US2017/020202)
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[54] **STAIN AND ODOR TREATMENT**
[54] **TRAITEMENT CONTRE LES TACHES ET LES ODEURS**
[72] SMITH, CHRISTOPHER WAYNE, US
[72] MANASSRA, ADNAN RASHID, US
[71] HARRIS RESEARCH, INC., US
[85] 2018-08-29
[86] 2017-03-02 (PCT/US2017/020507)
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[54] **SYSTEME D'ENREGISTREMENT MEDICAL UTILISANT UN AVATAR DE PATIENT**
[72] DIAZ, OLIVER CRESPO, US
[72] HAVERMAN, YURI, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2018-08-29
[86] 2017-03-15 (PCT/US2017/022428)
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[54] **CORONARY ACCESS AND DELIVERY SYSTEMS**
[54] **SYSTEMES D'ACCES ET D'ADMINISTRATION CORONAIRE**
[72] LAMPROPOULOS, FRED, US
[72] TOONE, MATT, US
[71] MERIT MEDICAL SYSTEMS, INC., US
[85] 2018-08-29
[86] 2017-03-15 (PCT/US2017/022420)
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[51] **Int.Cl. A47B 47/04 (2006.01) A63H 33/10 (2006.01) F16B 12/24 (2006.01) F16B 5/06 (2006.01)**
[25] EN
[54] **INTERLOCKING PANELS, MODULES WITH INTERLOCKING PANELS, AND A MODULAR DISPLAY CASE WITH INTERLOCKING MODULES WITH INTERLOCKING PANELS**
[54] **PANNEAUX A EMBOITEMENT, MODULES A PANNEAUX A EMBOITEMENT ET BOITIER DE PRESENTATION MODULAIRE A MODULES A EMBOITEMENT A PANNEAUX A EMBOITEMENT**
[72] ADAIR, JEFFREY, US
[71] ADAIR, JEFFREY, US
[85] 2018-08-29
[86] 2017-03-15 (PCT/US2017/022470)
[87] (WO2017/160953)
[30] US (15/072,091) 2016-03-16

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[25] EN
[54] **COMPOSITIONS COMPRISING BACTERIAL BLAUTIA STRAINS FOR TREATING VISCERAL HYPERSENSITIVITY**
[54] **COMPOSITIONS COMPRENANT DES SOUCHES BACTERIENNES DE BLAUTIA POUR LE TRAITEMENT DE L'HYPERSENSIBILITE VISCERALE**
[72] BERNALIER-DONADILLE, ANNICK, FR
[72] CROUZET, LAUREEN, FR
[72] HABOUZIT, CHLOE, FR
[71] 4D PHARMA PLC, GB
[85] 2018-08-29
[86] 2017-03-06 (PCT/EP2017/025038)
[87] (WO2017/148596)
[30] GB (1603817.6) 2016-03-04
[30] GB (1612191.5) 2016-07-13
[30] GB (1616022.8) 2016-09-20

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[51] **Int.Cl. C07C 55/22 (2006.01) A61K 31/194 (2006.01) C07C 55/32 (2006.01) C07C 57/13 (2006.01) C07C 69/347 (2006.01) C07C 69/602 (2006.01) C07C 69/604 (2006.01)**
[25] EN
[54] **PREVENTION, TREATMENT AND REVERSAL OF DISEASE USING THERAPEUTICALLY EFFECTIVE AMOUNTS OF DICARBOXYLIC ACID COMPOUNDS**
[54] **PREVENTION, TRAITEMENT ET INVERSION D'UNE MALADIE A L'AIDE DE QUANTITES THERAPEUTIQUEMENT EFFICACES DE COMPOSES D'ACIDES DICARBOXYLIQUES**
[72] FREEMAN, BRUCE A., US
[72] SCHOPFER, FRANCISCO J., US
[71] UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2018-08-29
[86] 2017-03-02 (PCT/US2017/020477)
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[30] US (62/303,960) 2016-03-04

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[51] **Int.Cl. F24H 3/00 (2006.01)**
[25] EN
[54] **BARE HEATING ELEMENTS FOR HEATING FLUID FLOWS**
[54] **ELEMENTS DE CHAUFFAGE A NU POUR LE CHAUFFAGE D'ECOULEMENTS DE FLUIDE**
[72] EVERLY, MARK D., US
[72] BANGE, MIKE, US
[72] OHSE, JEREMY, US
[72] WILLIAMS, RICHARD T., US
[72] ZHANG, SANHONG, US
[71] WATLOW ELECTRIC MANUFACTURING COMPANY, US
[85] 2018-08-29
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[30] US (62/302,501) 2016-03-02

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[54] **SUBSTITUTED INDOLE MCL-1 INHIBITORS**
[54] **INHIBITEURS D'INDOLES MCL-1 SUBSTITUES**
[72] LEE, TAEKYU, US
[72] TARR, JAMES C., US
[72] JEON, KYUOK, US
[72] SALOVICH, JAMES M., US
[72] SHAW, SUBRATA, US
[72] VEERASAMY, NAGARATHANAM, US
[72] KIM, KWANGHO, US
[72] CHRISTOV, PLAMEN P., US
[72] OLEJNICZAK, EDWARD T., US
[72] ZHAO, BIN, US
[72] FESIK, STEPHEN W., US
[72] BIAN, ZHIGUO, US
[71] VANDERBILT UNIVERSTIY, US
[85] 2018-08-29
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[54] **POLYCRYSTALLINE DIAMOND BODIES HAVING ANNULAR REGIONS WITH DIFFERING CHARACTERISTICS**
[54] **CORPS DE DIAMANT POLYCRISTALLIN AYANT DES REGIONS ANNULAIRES AYANT DIFFERENTES CARACTERISTIQUES**
[72] GLEDHILL, ANDREW, US
[72] LONG, CHRISTOPHER, US
[72] JOHNSON, ALEXANNE, US
[71] DIAMOND INNOVATIONS, INC., US
[85] 2018-08-29
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[54] **OPACIFYING CLUSTERS FOR USE IN PAINT COMPOSITIONS**
[54] **AGREGATS OPACIFIANTS DESTINES A ETRE UTILISES DANS DES COMPOSITIONS DE PEINTURE**
[72] REUTER, JAMES M., US
[72] WALKER, JOSEPH K., JR., US
[72] BANYOTS, CHASE, US
[71] THE SHERWIN-WILLIAMS COMPANY, US
[85] 2018-08-29
[86] 2017-03-16 (PCT/US2017/022622)
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[25] EN
[54] **NOVEL COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF FIBROSIS**
[54] **NOUVEAUX COMPOSES ET COMPOSITIONS PHARMACEUTIQUES ASSOCIEES POUR LE TRAITEMENT DE LA FIBROSE**
[72] MAMMOLITI, OSCAR, BE
[72] JANSEN, KOEN KAREL, BE
[72] PALISSE, ADELINE MARIE ELISE, BE
[72] JOANNESSE, CAROLINE MARTINE ANDREE-MARIE, BE
[72] MENET, CHRISTEL JEANNE MARIE, BE
[72] ALLART, BRIGITTE, BE
[72] EL BKASSINY, SANDY, BE
[71] GALAPAGOS NV, BE
[85] 2018-08-29
[86] 2017-02-23 (PCT/EP2017/054139)
[87] (WO2017/148787)
[30] GB (1603745.9) 2016-03-04

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[51] **Int.Cl. D21F 11/00 (2006.01)**
[25] EN
[54] **UNITARY DEFLECTION MEMBER FOR MAKING FIBROUS STRUCTURES**
[54] **ELEMENT DE DEVIATION UNITAIRE POUR FABRIQUER DES STRUCTURES FIBREUSES**
[72] MANIFOLD, JOHN ALLEN, US
[72] BRENT, JOHN LESLIE, JR., US
[72] SINGER, JAMES MICHAEL, US
[72] MELLIN, GUSTAV ANDRE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-08-29
[86] 2017-03-20 (PCT/US2017/023129)
[87] (WO2017/165258)
[30] US (62/312,539) 2016-03-24

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY WITH ANTI-CD73 ANTIBODIES**
[54] **POLYTHERAPIE AVEC DES ANTICORPS ANTI-CD73**
[72] BARNHART, BRYAN C., US
[72] KORMAN, ALAN J., US
[72] LONBERG, NILS, US
[72] YAMNIUK, AARON P., US
[72] SRIVISAN, MOHAN, US
[72] HENNING, KARLA A., US
[72] LEI, MING, US
[72] SEGA, EMANUELA, US
[72] GOODENOUGH, ANGELA, US
[72] JURE-KUNKEL, MARIA, US
[72] CHEN, GUODONG, US
[72] SACK, JOHN S., US
[72] HUANG, RICHARD Y., US
[72] CORBETT, MARTIN J., US
[72] MYERS, JOSEPH E., JR., US
[72] SCHWEIZER, LIANG, US
[72] HATCHER, SANDRA V., US
[72] ALTURA, RACHEL, US
[72] HUANG, HAICHUN, US
[72] ZHANG, PINGPING, US
[72] HILT, EDWARD J., US
[72] HEDRICK, MICHAEL NATHAN, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2018-08-29
[86] 2017-03-03 (PCT/US2017/020714)
[87] (WO2017/152085)
[30] US (62/303,985) 2016-03-04
[30] US (62/305,378) 2016-03-08
[30] US (62/341,220) 2016-05-25
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[51] **Int.Cl. F21V 21/08 (2006.01) H01K 1/16 (2006.01) H01K 1/22 (2006.01) H01K 1/40 (2006.01) H01R 11/30 (2006.01) H01R 33/88 (2006.01) H01R 33/90 (2006.01) H01R 33/92 (2006.01) H01R 33/94 (2006.01)**
[25] EN
[54] **THREADLESS MAGNETIC LIGHTBULB AND SOCKET SYSTEM**
[54] **SYSTEME DE DOUILLE ET D'AMPOULE MAGNETIQUE SANS FILETAGE**
[72] BENN, LLEWELLYN RICHARD, US
[71] BENN, LLEWELLYN RICHARD, US
[85] 2018-08-29
[86] 2017-03-20 (PCT/US2017/023203)
[87] (WO2017/165291)
[30] US (62/312,270) 2016-03-23

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[25] EN
[54] **BLUE LIGHT ADJUSTMENT FOR BIOMETRIC SECURITY**
[54] **AJUSTEMENT DE LUMIERE BLEUE PERMETTANT UNE SECURITE BIOMETRIQUE**
[72] KAEHLER, ADRIAN, US
[71] MAGIC LEAP, INC., US
[85] 2018-08-29
[86] 2017-03-03 (PCT/US2017/020767)
[87] (WO2017/155826)
[30] US (62/304,556) 2016-03-07
[30] US (62/304,573) 2016-03-07

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[25] EN
[54] **CA IX-TARGET NIR DYES AND THEIR USES**
[54] **COLORANTS EN PROCHE INFRAROUGE (NIR) CIBLES SUR CA IX ET LEURS UTILISATIONS**
[72] KULARATNE, SUMITH A., US
[72] GAGARE, PRAVIN, US
[72] KANDULURU, ANANDA, US
[71] ON TARGET LABORATORIES, LLC, US
[85] 2018-08-29
[86] 2017-03-16 (PCT/US2017/022824)
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[51] **Int.Cl. B23Q 3/10 (2006.01) F16B 7/18 (2006.01) F16B 7/04 (2006.01)**
[25] EN
[54] **JOINT THAT IS FIXABLE IN REGULARLY SPACED-APART POSITIONS, AND COMPONENT ASSEMBLY HAVING SUCH A JOINT**
[54] **ARTICULATION POUVANT ETRE FIXEE A DES POSITIONS EQUIDISTANTES ET GROUPE DE COMPOSANTS DOTE D'UNE ARTICULATION DE CE TYPE**
[72] WITTE, ANDREAS, DE
[71] WITTE BARSKAMP KG, DE
[85] 2018-08-29
[86] 2017-02-23 (PCT/EP2017/054154)
[87] (WO2017/157630)
[30] DE (DE 20 2016 101 401.8) 2016-03-14

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[51] **Int.Cl. B64D 17/34 (2006.01)**
[25] EN
[54] **GLIDE MODULATOR SYSTEM AND METHOD FOR A RAM AIR PARACHUTE**
[54] **SYSTEME DE MODULATEUR DE GLISSE ET PROCEDE POUR UN PARACHUTE A AIR DYNAMIQUE**
[72] BERLAND, JEAN C., US
[71] AIRBORNE SYSTEMS NA INC., US
[85] 2018-08-29
[86] 2017-02-27 (PCT/US2017/019627)
[87] (WO2017/151483)
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[25] EN
[54] **SMALL MOLECULE IRE1-ALPHA INHIBITORS**
[54] **INHIBITEURS IRE1-ALPHA A PETITES MOLECULES**
[72] GLIMCHER, LAURIE H., US
[72] BETTIGOLE, SARAH ELIZABETH, US
[72] RUIZ, JUAN RODRIGO CUBILLOS, US
[71] CORNELL UNIVERSITY, US
[85] 2018-08-29
[86] 2017-03-03 (PCT/US2017/020792)
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[30] US (62/303,236) 2016-03-03
[30] US (62/303,951) 2016-03-04

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[51] **Int.Cl. B24D 5/14 (2006.01) B24D 7/14 (2006.01)**
[25] EN
[54] **DEPRESSED CENTER GRINDING WHEEL**
[54] **ROUE DE MEULAGE A CENTRE RENFONCE**
[72] VAN, LOC X., US
[72] NGUYEN, THU A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-08-29
[86] 2017-02-27 (PCT/US2017/019670)
[87] (WO2017/151498)
[30] US (62/302,977) 2016-03-03

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[25] EN
[54] **MANUFACTURING METHOD FOR FIBER-REINFORCED PLASTIC AND FIBER-REINFORCED PLASTIC**
[54] **PROCEDE DE FABRICATION DE PLASTIQUE RENFORCE PAR DES FIBRES ET PLASTIQUE RENFORCE PAR DES FIBRES**
[72] FUJITA, YUZO, JP
[72] NAITO, YUTA, JP
[72] TAKETA, ICHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-08-29
[86] 2017-03-10 (PCT/JP2017/009750)
[87] (WO2017/159567)
[30] JP (2016-051892) 2016-03-16

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[51] **Int.Cl. H04W 28/26 (2009.01) H04W 56/00 (2009.01)**
[25] EN
[54] **TIMING ADVANCE DESIGN FOR ENHANCED COMPONENT CARRIER**
[54] **CONCEPTION D'AVANCE TEMPORELLE POUR SUPPORT DE COMPOSANT AMELIORE**
[72] YOO, TAESANG, US
[72] MONTOJO, JUAN, US
[72] SUN, JING, US
[72] FAN, ZHIFEI, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-08-29
[86] 2017-03-31 (PCT/US2017/025343)
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[30] US (62/316,944) 2016-04-01
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[51] **Int.Cl. E21B 33/138 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **DOWNHOLE DIFFUSER ASSEMBLY**
[54] **ENSEMBLE DIFFUSEUR DE FOND DE TROU**
[72] ROMERO, CAMBRE ALLEN, US
[72] ROMERO, CLAYTON ALLEN, US
[71] DOWNHOLE RENTAL TOOLS, LLC, US
[85] 2018-08-29
[86] 2017-03-28 (PCT/US2017/024592)
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[30] US (15/061,493) 2016-03-04

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[51] **Int.Cl. H01M 10/056 (2010.01) H01M 4/13 (2010.01) H01M 10/054 (2010.01) H01G 11/54 (2013.01) B60L 11/18 (2006.01) H01M 4/04 (2006.01)**
[25] EN
[54] **RECHARGEABLE SODIUM CELLS FOR HIGH ENERGY DENSITY BATTERY USE**
[54] **CELLULES DE SODIUM RECHARGEABLES POUR L'UTILISATION DE BATTERIE A HAUTE DENSITE D'ENERGIE**
[72] KOVACS, ANDRAS, FI
[72] RUIZ-MARTINEZ, DEBORA, ES
[72] GOMEZ-TORREGROSA, ROBERTO, ES
[72] ALASAARELA, TAPANI, FI
[72] BROWN, DAVID P., FI
[71] BROADBIT BATTERIES OY, FI
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[30] FI (20165184) 2016-03-04

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[51] **Int.Cl. G01J 1/50 (2006.01) B82Y 30/00 (2011.01) B41M 1/00 (2006.01) C09D 5/29 (2006.01) G01N 3/22 (2006.01) G01N 21/78 (2006.01)**
[25] EN
[54] **PHOTOSENSITIVE PRINTING COMPOSITION**
[54] **COMPOSITION D'IMPRESSION PHOTOSENSIBLE**
[72] GOODING, JUSTIN, AU
[72] KHIABANI, PARISA SOWTI, AU
[72] SOERIYADI, ALEXANDER HERTANTO, AU
[71] NEWSOUTH INNOVATIONS PTY LIMITED, AU
[85] 2018-08-30
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[30] AU (2016900761) 2016-03-01

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[51] **Int.Cl. A61M 15/00 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **DEVICES FOR EVAPORATION AND INHALATION OF ACTIVE AGENTS**
[54] **DISPOSITIFS SERVANT A L'EVAPORATION ET A L'INHALATION DE SUBSTANCES ACTIVES**
[72] ENGQVIST, HAKAN, SE
[71] EMPLICURE AB, SE
[85] 2018-08-29
[86] 2017-02-28 (PCT/GB2017/050531)
[87] (WO2017/149287)
[30] GB (1603463.9) 2016-02-29
[30] GB (1702805.1) 2017-02-21

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[51] **Int.Cl. A23L 27/30 (2016.01) A23L 27/10 (2016.01)**
[25] EN
[54] **LONG-LASTING SWEETENER FORMULATIONS**
[54] **PREPARATIONS D'EDULCORANT DE LONGUE DUREE**
[72] MO, XIAOQUN, US
[72] HSU, APRIL, US
[72] BARKALOW, DAVID G., US
[71] WM. WRIGLEY JR. COMPANY, US
[85] 2018-08-29
[86] 2017-02-28 (PCT/US2017/019952)
[87] (WO2017/151616)
[30] US (62/301,976) 2016-03-01

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[51] **Int.Cl. C07D 401/14 (2006.01) A01N 43/40 (2006.01) A01N 43/48 (2006.01) A01N 43/78 (2006.01) C07D 213/75 (2006.01) C07D 213/85 (2006.01) C07D 401/04 (2006.01) C07D 409/14 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **HERBICIDES**
[54] **HERBICIDES**
[72] CARTER, NEIL BRIAN, GB
[72] BRIGGS, EMMA, GB
[72] KITSIOU, CHRISTIANA, GB
[72] LING, KENNETH, GB
[72] MORRIS, JAMES ALAN, GB
[72] TATE, JOSEPH ANDREW, GB
[72] WAILES, JEFFREY STEVEN, GB
[72] WILLIAMS, JOHN, GB
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2018-08-29
[86] 2017-03-16 (PCT/EP2017/056291)
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[30] GB (1604970.2) 2016-03-23

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[51] **Int.Cl. C09K 8/592 (2006.01) E21B 34/02 (2006.01) E21B 43/16 (2006.01) E21B 43/24 (2006.01) E21B 43/25 (2006.01) E21B 47/06 (2012.01)**
[25] EN
[54] **CONTINUOUS CHAMBER CAPILLARY CONTROL SYSTEM, METHOD, AND APPARATUS**
[54] **SYSTEME, PROCEDE ET APPAREIL DE REGULATION CONTINUE PAR CAPILLAIRES INTRODUITS DANS UNE CHAMBRE**
[72] JURANITCH, JAMES C., US
[71] XDI HOLDINGS, LLC, US
[85] 2018-08-29
[86] 2017-02-28 (PCT/US2017/019983)
[87] (WO2017/151640)
[30] US (62/301,527) 2016-02-29

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[13] A1
[51] **Int.Cl. A61F 5/56 (2006.01) A61B 5/00 (2006.01) A61B 5/08 (2006.01) A61C 7/08 (2006.01) A61C 7/36 (2006.01)**
[25] EN
[54] **ADJUSTABLE BREATHING ASSISTANCE APPARATUS**
[54] **APPAREIL D'ASSISTANCE RESPIRATOIRE AJUSTABLE**
[72] IGNACIO, ANTHONY, AU
[72] LOW, BENJAMIN, AU
[72] MILIJASEVIC, ZORAN, AU
[72] HART, CHRISTOPHER PATRICK, AU
[72] ANDERSON, NEIL, AU
[72] SLATER, MICHAEL LEIGH, AU
[71] OVENTUS MEDICAL LIMITED, AU
[85] 2018-08-30
[86] 2017-03-29 (PCT/AU2017/050271)
[87] (WO2017/165918)
[30] AU (2016901171) 2016-03-30
[30] CN (2016211252195) 2016-10-14

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[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) A01N 65/00 (2009.01) C12N 5/00 (2006.01) C12N 5/22 (2006.01)**
[25] EN
[54] **CARTILAGE-DERIVED PROGENITOR CELL LINES**
[54] **LIGNEES DE CELLULES PROGENITRICES DERIVEES DU CARTILAGE**
[72] CHEN, QIAN, US
[72] JAYASURIYA, CHATHURAKA T., US
[71] RHODE ISLAND HOSPITAL, US
[85] 2018-08-29
[86] 2017-02-28 (PCT/US2017/019991)
[87] (WO2017/151646)
[30] US (62/301,600) 2016-02-29

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[51] **Int.Cl. B65D 17/00 (2006.01) B21D 22/22 (2006.01) B21D 22/30 (2006.01) B21D 51/44 (2006.01) B65D 6/30 (2006.01)**
[25] EN
[54] **CONCAVE CAN END**
[54] **EXTREMITE DE CANETTE CONCAVE**
[72] MATTIN, BEN, GB
[72] CLARK, TIM, GB
[72] RAMSEY, CHRISTOPHER PAUL, GB
[71] CROWN PACKAGING TECHNOLOGY, INC., US
[85] 2018-08-29
[86] 2017-02-28 (PCT/US2017/020024)
[87] (WO2017/151667)
[30] US (62/301,128) 2016-02-29

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[51] **Int.Cl. H04L 12/803 (2013.01) H04L 12/811 (2013.01) H04L 12/24 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **SYSTEM, APPARATUS AND METHOD FOR PROVIDING IMPROVED PERFORMANCE OF AGGREGATED/BONDED NETWORK CONNECTIONS WITH CLOUD PROVISIONING**
[54] **SYSTEME, APPAREIL ET PROCEDE POUR FOURNIR DES PERFORMANCES AMELIOREES DE CONNEXIONS DE RESEAU AGREGEES/LIEES AVEC UNE FOURNITURE DE NUAGE**
[72] SAAVEDRA, PATRICIO HUMBERTO, CA
[71] TELOIP INC., CA
[85] 2018-08-30
[86] 2016-03-04 (PCT/CA2016/000060)
[87] (WO2016/138576)
[30] US (14/638,267) 2015-03-04

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[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **DEVICES FOR EVAPORATION AND INHALATION OF NICOTINE**
[54] **DISPOSITIFS POUR EVAPORATION ET INHALATION DE NICOTINE**
[72] ENGQVIST, HAKAN, GB
[71] EMPLICURE AB, SE
[85] 2018-08-29
[86] 2017-02-28 (PCT/GB2017/050533)
[87] (WO2017/149288)
[30] GB (1603463.9) 2016-02-29
[30] GB (1702805.1) 2017-02-21

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[13] A1
[51] **Int.Cl. A01C 21/00 (2006.01) G06Q 50/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRESCRIBING FERTILIZER APPLICATION RATES FOR SPATIAL DISTRIBUTION OF A PRODUCT**
[54] **SYSTEME ET PROCEDE DE PRESCRIPTION DE TAUX D'APPLICATION D'ENGRAIS POUR DISTRIBUTION SPATIALE D'UN PRODUIT**
[72] STAPLES, THOMAS EDWARD, CA
[72] MILLER, REGAN CHARLES, CA
[72] HOOSEIN, MEHZABEEN, US
[72] FINN, MICHAEL VINCENT, US
[71] NUTRIEN AG SOLUTIONS (CANADA) INC., CA
[85] 2018-08-30
[86] 2016-03-21 (PCT/CA2016/050323)
[87] (WO2017/147682)
[30] US (62/303,856) 2016-03-04

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[13] A1
[51] **Int.Cl. A61C 7/12 (2006.01) A61C 7/16 (2006.01) A61C 7/20 (2006.01) A61C 7/28 (2006.01)**
[25] EN
[54] **ORTHOPEDIC-ORTHODONTIC MOLAR DISTALIZER**
[54] **DISTALISATEUR MOLAIRE ORTHOPEDIQUE-ORTHODONTIQUE**
[72] VOUDOURIS, JOHN, CA
[71] SPARTAN ORTHODONTICS INC., CA
[85] 2018-08-30
[86] 2017-03-13 (PCT/CA2017/000053)
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[30] US (62/307,082) 2016-03-11
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[54] **METHODS AND SYSTEMS FOR CONSTRUCTION OF NORMALIZED NUCLEIC ACID LIBRARIES**
[54] **PROCEDES ET SYSTEMES DE CONSTRUCTION DE BANQUES D'ACIDES NUCLEIQUES NORMALISEES**
[72] ZHANG, ZHIHONG, US
[72] GAO, YANGBIN, US
[72] ECKHARDT, ALLEN E., US
[72] CAPEK, PETR, US
[71] ILLUMINA, INC., US
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[54] **SYSTEM AND PROCESS FOR DATA-DRIVEN DESIGN, SYNTHESIS, AND APPLICATION OF MOLECULAR PROBES**
[54] **SYSTEME ET PROCEDE POUR UNE CONCEPTION ET UNE SYNTHESE GUIDEES PAR LES DONNEES ET APPLICATION DE SONDES MOLECULAIRES**
[72] ZHAN, SHING H., CA
[72] KWOK, BRIAN S., CA
[72] QADIR, MOHAMMAD A., CA
[71] FUSION GENOMICS CORPORATION, CA
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[54] **STERILISATION PAR HYSTEROSCOPIE REVERSIBLE**
[72] CHIN, ALBERT, US
[71] NVISION MEDICAL CORPORATION, US
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[54] **SYSTEMS AND METHODS FOR IMPUTING GROUNDWATER USAGE IN A GROUNDWATER BASIN**
[54] **SYSTEMES ET PROCEDES POUR L'ENTREE D'UNE UTILISATION D'EAUX SOUTERRAINES DANS UN BASSIN D'EAUX SOUTERRAINES**
[72] ROONEY, THOMAS HENRY, US
[71] IPQ PTY LTD, AU
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[54] **DEVICE AND METHOD FOR PERFORATION OF A DOWNHOLE FORMATION**
[54] **DISPOSITIF ET PROCEDE DE PERFORATION D'UNE FORMATION DE FOND DE TROU**
[72] ENG, HANS PETTER, NO
[71] QWAVE AS, NO
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[54] **SYSTEM AND METHOD FOR MONITORING A PROPERTY**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE PROPRIETE**
[72] WRIGHT, KEVIN ROBERTSON, CA
[72] SCHMIDT, TERRANCE CARL, CA
[72] TSINTZOURAS, GEORGE, CA
[72] KIRBY, CHRISTOPHER TODD, CA
[71] ALERT LABS INC., CA
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[54] **MANIPULABLE SPREADABLE CONSUMABLE STORAGE VESSELS**
[54] **CONTENANTS DE STOCKAGE DE PRODUIT CONSOMMABLE POUVANT ETRE ETALE ET MANIPULE**
[72] RUTTER, BRYCE G., US
[72] SAWICKI, CRAIG, US
[71] GLASSHOUSE PHARMACEUTICALS LIMITED CANADA, CA
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[54] **SOFTWARE ROBOTS FOR PROGRAMMATICALLY CONTROLLING COMPUTER PROGRAMS TO PERFORM TASKS**
[54] **ROBOTS LOGICIELS POUR COMMANDER PAR PROGRAMMATION A DES PROGRAMMES INFORMATIQUES D'EXECUTER DES TACHES**
[72] NYCHIS, GEORGE PETER, US
[72] MURTY, ROHAN NARAYAN, IN
[71] SOROCCO PRIVATE LIMITED, GB
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[54] **HELIX HAND REVERSAL MITIGATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ATTENUATION D'INVERSION DE SENS HELICOIDAL**
[72] JAASKELAINEN, MIKKO, US
[72] THERRIEN, JASON EDWARD, US
[72] BENJAMIN, SELDON DAVID, US
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[54] **FIXATION A SUIVI RFID**
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[54] **PROTECTION CONTRE LES SURTENSIONS DE GENERATEURS DE FOND DE TROU**
[72] RAJAGOPALAN, SATISH, US
[72] DASIKA, JAYA DEEPTI, US
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[54] **PROCEDE DE TRAITEMENT DE CONSERVATION DE VIANDE HABILLEE CRUE**
[72] SHINOHARA, KATSUHIRO, JP
[71] YUGENKAISHA NIKUNO-MARUKATSU, JP
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[54] **CADRE DE BICYCLETTE AVEC BATTERIE INTEGREE ET AMOVIBLE**
[72] MUNKSO, LARS, DK
[71] LYNX APS, DK
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[54] **SYSTEM AND METHOD FOR CATHODIC PROTECTION BY DISTRIBUTED SACRIFICIAL ANODES**
[54] **SYSTEME ET PROCEDE DE PROTECTION CATHODIQUE PAR ANODES SACRIFICIELLES DISTRIBUEES**
[72] ARTUN, LARS, NO
[72] IANNUZZI, MARIANO, NO
[71] VETCO GRAY SCANDINAVIA AS, NO
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[54] **CONSTRUCTION DE TAPIS EMPILABLE**
[72] PENLAND, JOE, JR., US
[71] QUALITY MAT COMPANY, US
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[54] **PORE MUTANT**
[72] JAYASINGHE, LAKMAL, GB
[72] WALLACE, ELIZABETH JAYNE, GB
[71] OXFORD NANOPORE TECHNOLOGIES LIMITED, GB
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[54] **COMBINED CASING FILL-UP AND DRILL PIPE FLOWBACK TOOL AND METHOD**
[54] **OUTIL COMBINE DE REMPLISSAGE DE TUBAGE ET DE RETOUR D'ECOULEMENT DE TIGE DE FORAGE ET PROCEDE ASSOCIE**
[72] WEBER, MATTHEW, US
[72] LUTGRING, KEITH, US
[72] SMITH, LOGAN, US
[71] FRANK'S INTERNATIONAL, LLC, US
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[54] **EJECTOR MEMBER AND MACHINE FOR PROCESSING SHEET-FORM ELEMENTS**
[72] RUCHET, CHRISTOPHE, CH
[71] BOBST MEX SA, CH
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[72] WALLACE, ELIZABETH JAYNE, GB
[71] OXFORD NANOPORE TECHNOLOGIES LIMITED, GB
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[54] **PROCEDE ET DISPOSITIF DE VENTILATION D'UN PATIENT**
[72] ENK, DIETMAR, DE
[71] VENTINOVA TECHNOLOGIES B.V., NL
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[54] **SUPPORT STRUCTURE WITH A CONNECTING PLUG**
[54] **STRUCTURE DE SUPPORT A PRISE**
[72] VAN RAAM, CAROLUS HERMANUS, NL
[72] SHUTTLEWORTH, ANDREW BRYAN, GB
[72] CULLETON, PAUL DAVID, GB
[71] PERMAVOID LIMITED, GB
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[54] **POSITIONING DEVICE FOR FIXING A POLYAXIAL PLATE IN A TUBULAR BONE**
[54] **DISPOSITIF DE POSITIONNEMENT POUR FIXER UNE PLAQUE POLYAXIALE SUR UN OS LONG**
[72] SCHREIBER, ULRICH, DE
[72] ZAPF, LUKAS, DE
[72] GATTINGER, JOHANNES, DE
[71] OT MEDIZINTECHNIK GMBH, DE
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[54] **RESEAU D'ANTIGENES**
[72] HARWANEGG, CHRISTIAN, AT
[72] MITTERER, GEORG, AT
[71] MACROARRAY DIAGNOSTICS GMBH, AT
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[54] **BIOMATS FONGIQUES FILAMENTEUX, PROCEDES DE PRODUCTION ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] KOZUBAL, MARK, US
[72] MACUR, RICHARD, US
[72] AVNIEL, YUVAL, US
[71] SUSTAINABLE BIOPRODUCTS, INC., US
[85] 2018-08-29
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[54] **AEROSOL-GENERATING DEVICE WITH SECURING MEANS**
[54] **DISPOSITIF GENERATEUR D'AEROSOL DOTE D'UN MOYEN DE FIXATION**
[72] REEVELL, TONY, GB
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **COMPOSES DE DERIVES DE SULFAMATE, LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] CHOI, YONG MOON, KR
[71] BIO-PHARM SOLUTIONS CO., LTD., KR
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[54] **INDUCTION BURNER COOLING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE REFROIDISSEMENT DE BRULEUR A INDUCTION**
[72] VENGROFF, DARREN ERIK, US
[72] JENKINS, JONATHAN A., US
[71] MEYER INTELLECTUAL PROPERTIES LIMITED, CN
[71] VENGROFF, DARREN ERIK, US
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[25] EN
[54] **AEROSOL-GENERATING ARTICLE HAVING A LIQUID INDICATOR**
[54] **ARTICLE GENERATEUR D'AEROSOL COMPORTANT UN INDICATEUR DE LIQUIDE**
[72] BILAT, STEPHANE, CH
[72] COLOTTE, GUILLAUME, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **DISPOSITIF DE CHICHA DESTINE AU CHAUFFAGE D'UN SUBSTRAT SANS COMBUSTION**
[72] MEYER, CEDRIC, CH
[72] BONNELY, SAMUEL, CH
[72] KOLYRIS, ANGELOS, CH
[72] JONES, STUART MICHAEL RUAN, GB
[72] STEPHENSON, JOHN ANTONY, GB
[72] KINALLY, YAAN THOMAS, GB
[72] PATON, MICHAEL, GB
[72] CROSS, DAVID, GB
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **CAPTEUR DE DEFORMATION PERMETTANT UNE DISCRIMINATION DE MESURE EN FONCTION DE LA DIRECTION DE LA DEFORMATION**
[72] COTE, THIERRY, FR
[72] SADOULET, VIANNEY, FR
[72] MINOTTI, PATRICE, FR
[72] XALTER, VINCENT, FR
[72] GIRARDIN, PASCAL, FR
[71] ETAT FRANCAIS REPRESENTE PAR LE DELEGUE GENERAL POUR L'ARMEMENT, FR
[71] SILMACH, FR
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[54] **PEPTIDES DE MYOSINE HUMAINE**
[72] SELLI, MEHMET, GB
[72] WRAITH, DAVID, GB
[71] APITOPE INTERNATIONAL NV, BE
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[54] **MEDICAL DEVICE USER INTERFACE WITH STERILE AND NON-STERILE OPERATION**
[54] **INTERFACE UTILISATEUR DE DISPOSITIF MEDICAL AVEC OPERATION STERILE ET NON STERILE**
[72] MARBACH, JULIEN, CA
[72] PROVOST, ROBIN, CA
[72] PEROT, JEAN-MARC, CA
[72] RYNERSON, MICHAEL, CA
[71] DENTAL WINGS INC., CA
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[54] **A SCAFFOLD BOARD**
[54] **PLANCHE D'ECHAFAUDAGE**
[72] SWANN, ANDREW JAMES COOPER, AU
[72] QUINN, ROBERT W., AU
[72] ESQUEN, JORGE, AU
[71] TECH PLAS EXTRUSIONS PTY LTD, AU
[85] 2018-08-30
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[25] FR
[54] **METHOD FOR MANUFACTURING SELF-ADHESIVE MINERAL WOOL PADS**
[54] **PROCEDE DE FABRICATION DE MATELAS DE LAINE MINERALE AUTOADHESIFS**
[72] RUISI, FABRICE, FR
[72] HOFFMANN, VINCENT, FR
[72] JANAS, MICHEL, FR
[71] SAINT-GOBAIN ISOVER, FR
[85] 2018-08-30
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[54] **METHOD AND DEVICE FOR DETERMINING THE AIR CHANGE RATE OF A ROOM OR BUILDING**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DU TAUX DE RENOUVELLEMENT D'AIR D'UN LOCAL**
[72] ALZETTO, FLORENT, FR
[72] HEROUT, BENJAMIN, FR
[71] SAINT-GOBAIN ISOVER, FR
[85] 2018-08-30
[86] 2017-03-20 (PCT/FR2017/050650)
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[25] EN
[54] **DEVICE FOR APPLYING AN APPLIED FORCE TO A CONNECTION ELEMENT**
[54] **DISPOSITIF PERMETTANT DE SOUMETTRE UN ELEMENT DE LIAISON A UNE FORCE D'APPLICATION**
[72] HUBER, KLAUS, CH
[71] BALTEC MASCHINENBAU AG, CH
[85] 2018-08-30
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[25] EN
[54] **PIPE SECTION JOINING MEMBER, PIPE JOINT AND ELONGATED PIPE**
[54] **ELEMENT DE LIAISON DE SECTION DE TUYAU, JOINT DE TUYAU ET TUYAU ALLONGE**
[72] APICELLA, FRANK V., JR., US
[72] ATTIOGBE, EMMANUEL, US
[72] GOLD, WILLIAM J., US
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
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[54] **MODIFIED HYALURONIC ACID, METHOD FOR MAKING SAME AND USES THEREOF**
[54] **ACIDE HYALURONIQUE MODIFIE, PROCEDE POUR LE FABRIQUER ET SES UTILISATIONS**
[72] KRAUS, ANDREAS, DE
[72] LINKO, ALEXANDER, DE
[72] VILLAIN, FRANCK, FR
[71] MERZ PHARMA GMBH & CO. KGAA, DE
[85] 2018-08-30
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[25] EN
[54] **AMINE SOLVATE OF SODIUM-GLUCOSE LINKED TRANSPORTER INHIBITOR, AND PREPARATION METHOD AND APPLICATION THEREOF**
[54] **SOLVATE D'AMINE D'UN INHIBITEUR DE TRANSPORTEUSE LIE AU SODIUM-GLUCOSE, SON PROCEDE DE PREPARATION ET SON APPLICATION**
[72] ZHANG, LEI, CN
[72] WANG, YUAN, CN
[71] YOUNGENE THERAPEUTICS CO., LTD., CN
[85] 2018-08-30
[86] 2017-03-27 (PCT/CN2017/078309)
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[54] **AEROSOL-GENERATING SYSTEM COMPRISING A HEATED AEROSOL-GENERATING ARTICLE**
[54] **SYSTEME DE GENERATION D'AEROSOL COMPRENANT UN ARTICLE DE GENERATION D'AEROSOL CHAUFFE**
[72] THORENS, MICHEL, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-08-30
[86] 2017-05-30 (PCT/EP2017/063061)
[87] (WO2017/207586)
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[54] **FEMTOSECOND LASER OPHTHALMIC SURGERY DOCKING CONE IMAGE PROCESSING AND PRESENTATION**
[54] **TRAITEMENT ET PRESENTATION D'IMAGE DE CONE D'AMARRAGE DE CHIRURGIE OPHTALMIQUE PAR LASER FEMTOSECONDE**
[72] WITTNEBEL, MICHAEL, DE
[72] ABRAHAM, MARIO, DE
[72] SCHMID, STEFAN, DE
[72] STARIGK, MARTIN, DE
[71] NOVARTIS AG, CH
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[25] EN
[54] **LASER LIGHT SOURCE DEVICE AND METHOD FOR CONTROLLING SAME**
[54] **DISPOSITIF DE SOURCE DE LUMIERE LASER ET SON PROCEDE DE COMMANDE**
[72] KURIAKI, MAKOTO, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2018-08-30
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[25] EN
[54] **METHODS FOR REDUCING PERINATAL MORBIDITY AND/OR MORTALITY**
[54] **METHODES POUR DIMINUER LA MORBIDITE ET/OU LA MORTALITE PERINATALES**
[72] OLSON, DAVID, CA
[72] CHEMTOB, SYLVAIN, CA
[72] QUINIOU, CHRISTIANE, CA
[72] ROBERTSON, SARAH ANNE, AU
[72] NADEAU-VALLEE, MATHIEU, CA
[72] LUBELL, WILLIAM D., CA
[72] CHIN, PECK YIN, AU
[72] GIRARD, SYLVIE, CA
[72] DUC, DOAN-NGOC, US
[71] THE UNIVERSITY OF ADELAIDE, AU
[71] CHU SAINTE-JUSTINE, CA
[71] OLSON, DAVID, CA
[71] UNIVERSITE DE MONTREAL, CA
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[54] **LASER LIGHT SOURCE MODULE, LIGHT SOURCE DEVICE, AND METHOD FOR SPECIFYING FAILURE LASER DIODE**
[54] **MODULE SOURCE DE LUMIERE LASER, DISPOSITIF SOURCE DE LUMIERE ET PROCEDE DE SPECIFICATION DE LA DEFAILLANCE D'UNE DIODE LASER**
[72] HASEGAWA, KOJI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **SYSTEME ANTI-EROSION EN MATERIAU GEO-SYNTHETIQUE**
[72] ROLA, FILIPE, PT
[72] OLIVEIRA, JOSE CARLOS, PT
[71] SICORNETE - FIOS E REDES, LDA., PT
[85] 2018-08-30
[86] 2017-02-27 (PCT/IB2017/051127)
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[54] **REACTOR FOR A CRACKING FURNACE**
[54] **REACTEUR POUR FOUR DE CRAQUAGE**
[72] VAN CAUWENBERGE, DAVID J., BE
[72] VAN GEEM, KEVIN M., BE
[72] FLORE, JENS, BE
[72] MARIN, GUY B., BE
[72] LAIB, HEINRICH, DE
[71] BASF ANTWERPEN NV, BE
[71] BASF SE, DE
[71] UNIVERSITEIT GENT, BE
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[54] **METHOD FOR ELUTING CALCIUM FROM STEEL SLAG AND METHOD FOR RECOVERING CALCIUM FROM STEEL SLAG**
[54] **PROCEDE D'ELUTION DE CALCIUM A PARTIR DE SCORIES D'ACIER ET PROCEDE DE RECUPERATION DE CALCIUM A PARTIR DE SCORIES D'ACIER**
[72] FUKUI, YASUSHI, JP
[72] ASABA, AKIHIRO, JP
[72] FUJII, TAKAHIRO, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2018-08-30
[86] 2017-01-26 (PCT/JP2017/002651)
[87] (WO2017/163595)
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[25] EN
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[54] **IMAGERIE DE RECOUVREMENT POUR L'ALIGNEMENT D'UN OEIL D'UN PATIENT EN VUE D'UNE CHIRURGIE LASER**
[72] ABRAHAM, MARIO, DE
[72] WITTNEBEL, MICHAEL, DE
[72] STEHR, MATTHIAS, DE
[71] NOVARTIS AG, CH
[85] 2018-08-30
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[54] **SYSTEME DE CALCUL D'EXPOSITION A UN RAYONNEMENT SOLAIRE D'UN INDIVIDU**
[72] SIMEONE, EMILIO, IT
[71] FLYBY S.R.L., IT
[85] 2018-08-30
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[25] EN
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[54] **DISPOSITIF TERMINAL ET PROGRAMME DE REECRITURE DE LOGICIEL**
[72] ISHIMOTO, SHINTARO, JP
[72] KOJIMA, YUSUKE, JP
[72] MATSUO, MASAKI, JP
[72] YAMASHITA, SHUNZO, JP
[71] YANMAR CO., LTD., JP
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[87] (WO2017/150233)
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[54] **DISPOSITIF TERMINAL ET PROGRAMME DE REECRITURE DE LOGICIEL**
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[72] ISHIMOTO, SHINTARO, JP
[72] MATSUO, MASAKI, JP
[72] YAMASHITA, SHUNZO, JP
[71] YANMAR CO., LTD., JP
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[54] **CELLS EXPRESSING MULTIPLE CHIMERIC ANTIGEN RECEPTOR (CAR) MOLECULES AND USES THEREFORE**
[54] **CELLULES EXPRIMANT DE MULTIPLES MOLECULES DE RECEPTEUR D'ANTIGENE CHIMERE (CAR) ET LEURS UTILISATIONS**
[72] DRANOFF, GLENN, US
[71] NOVARTIS AG, CH
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2018-08-30
[86] 2017-03-03 (PCT/IB2017/051267)
[87] (WO2017/149515)
[30] US (62/303,466) 2016-03-04

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[25] EN
[54] **STEEL MATERIAL AND OIL-WELL STEEL PIPE**
[54] **MATERIAU EN ACIER ET TUBE EN ACIER POUR PUITS DE PETROLE**
[72] ARAI, YUJI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-08-30
[86] 2017-02-20 (PCT/JP2017/006151)
[87] (WO2017/150251)
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[25] EN
[54] **MODULATORS OF LIPOXYGENASE AND CYCLOOXYGENASE ENZYME ACTIVITY**
[54] **MODULATEURS DE L'ACTIVITE ENZYMATIQUE DE LA LIPOXYGENASE ET DE LA CYCLOOXYGENASE**
[72] TOUAIBIA, MOHAMED, CA
[72] SURETTE, MARC EDGAR, CA
[71] UNIVERSITE DE MONCTON, CA
[85] 2018-08-30
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[30] US (62/303,120) 2016-03-03

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[54] **MATERIAU EN ACIER ET TUBE EN ACIER POUR PUITS DE PETROLE**
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[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[86] 2017-02-20 (PCT/JP2017/006154)
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[30] JP (2016-041774) 2016-03-04

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[25] EN
[54] **LIQUID LIGNIN COMPOSITION, LIGNIN-BASED RESIN, AND METHOD OF INCREASING THE SOLUBILITY OF LIGNIN**
[54] **COMPOSITION LIQUIDE DE LIGNINE, RESINE A BASE DE LIGNINE ET PROCEDE D'AUGMENTATION DE LA SOLUBILITE DE LA LIGNINE**
[72] ZAFAR, ASHAR, SE
[72] ARESKOGH, DIMITRI, SE
[72] EKSTROM, JESPER, SE
[71] STORA ENSO OYJ, FI
[85] 2018-08-30
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[54] **EMULSION COMPRISING PARTICLES**
[54] **EMULSION COMPRENANT DES PARTICULES**
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[72] LEWIS, ANDREW LENNARD, GB
[72] WILLIS, SEAN LEO, GB
[71] BIOCOMPATIBLES UK LIMITED, GB
[85] 2018-08-30
[86] 2017-03-10 (PCT/IB2017/051416)
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[54] **ELEMENT DE REVETEMENT DE SOL OU DE MUR**
[72] LINGG, EDWIN, IT
[71] LI & CO AG, CH
[85] 2018-08-30
[86] 2017-03-22 (PCT/IB2017/051651)
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[25] EN
[54] **RAILWAY VEHICLE DERAILMENT DETECTION METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE DETECTION DE DERAILLEMENT DE VEHICULE FERROVIAIRE**
[72] SHIMOKAWA, YOSHIYUKI, JP
[72] SHINAGAWA, DAISUKE, JP
[72] KIKKO, SATOSHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-08-30
[86] 2017-02-22 (PCT/JP2017/006542)
[87] (WO2017/154573)
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[25] EN
[54] **RAILWAY WHEEL**
[54] **ROUE FERROVIAIRE**
[72] KUBOTA, MANABU, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-08-30
[86] 2017-02-28 (PCT/JP2017/007841)
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[30] JP (2016-039929) 2016-03-02

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[51] **Int.Cl. C08J 5/04 (2006.01) B29B 15/08 (2006.01) B29C 43/34 (2006.01)**
[25] EN
[54] **MOLDED ARTICLE OF FIBER-REINFORCED RESIN AND COMPRESSION MOLDING METHOD THEREFOR**
[54] **ARTICLE MOULE EN RESINE RENFORCEE PAR DES FIBRES ET PROCEDE DE MOULAGE PAR COMPRESSION**
[72] MOTOHASHI, TETSUYA, JP
[72] HASHIMOTO, TAKAFUMI, JP
[72] SATO, CHIASA, JP
[72] TAKETA, ICHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-08-30
[86] 2017-02-23 (PCT/JP2017/006717)
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[30] JP (2016-052457) 2016-03-16

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[25] EN
[54] **IMMUNITY INDUCER**
[54] **INDUCTEUR D'IMMUNITE**
[72] KURIHARA, AKIRA, JP
[72] OKANO, FUMIYOSHI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-08-30
[86] 2017-03-01 (PCT/JP2017/008055)
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[30] JP (2016-040364) 2016-03-02

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[72] LIAO, HUA-XIN, US
[72] KORBER, BETTE T., US
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[54] **APPAREILS, SYSTEMES ET PROCEDES POUR GENERER DES OBJETS TRIDIMENSIONNELS AVEC DES PROPRIETES AJUSTABLES**
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[72] JAYARAM, HARIHARAN, US
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[54] **ESTIMATION DE POSITION DANS UN SYSTEME DE COMMUNICATION PAR SATELLITE A ORBITE TERRESTRE BASSE**
[72] HALEY, DAVID VICTOR LAWRIE, AU
[72] GRANT, ALEXANDER JAMES, AU
[72] MCKILLIAM, ROBERT GEORGE, AU
[72] POLLOK, ANDRE, AU
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[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE LA DEPENDANCE OU DE TROUBLES ASSOCIES A UNE CONSOMMATION DE DROGUES**
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[72] GLOFF, CAROL, US
[72] STRAUB, JULIE, US
[71] EMBERA NEUROTHERAPEUTICS, INC., US
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[54] **DISPOSITIFS D'EVACUATION ET DE VISUALISATION DE CAILLOTS ET PROCEDES D'UTILISATION**
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[72] INTINTOLI, ALFRED J., US
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[54] **COMPOSITIONS ET PROCEDES POUR LA FABRICATION D'ALCALOIDES TERPENOIDES INDOLIQUES**
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[72] QU, YANG, CA
[71] VINDOLON INC., CA
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[25] EN
[54] **ERCC1 AND OTHER MARKERS FOR STRATIFICATION OF NON-SMALL CELL LUNG CANCER PATIENTS**
[54] **ERCC1 ET AUTRES MARQUEURS POUR LA STRATIFICATION DE PATIENTS ATTEINTS D'UN CANCER BRONCHIQUE NON A PETITES CELLULES**
[72] YAU, CHRISTINA, US
[72] CECCHI, FABIOLA, US
[72] HEMBROUGH, TODD, US
[71] NANTOMICS, LLC, US
[85] 2018-08-30
[86] 2017-03-17 (PCT/US2017/023080)
[87] (WO2017/165240)
[30] US (62/311,368) 2016-03-21
[30] US (62/337,209) 2016-05-16

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[13] A1
[51] **Int.Cl. A61K 31/454 (2006.01) A61K 31/427 (2006.01) A61K 31/501 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **BICYCLIC ARYL MONOBACTAM COMPOUNDS AND METHODS OF USE THEREOF FOR THE TREATMENT OF BACTERIAL INFECTIONS**
[54] **COMPOSES D'ARYLMONOBACTAME BICYCLIQUES ET LEURS METHODES D'UTILISATION POUR LE TRAITEMENT DES INFECTIONS BACTERIENNES**
[72] LIU, WEIGUO, US
[72] DING, FA-XIANG, US
[72] SUN, WANYING, US
[72] DEJESUS, REYNALDA KEH, US
[72] TANG, HAIFENG, US
[72] HUANG, XIANHAI, US
[72] JIAN, JINLONG, US
[72] GUO, YAN, US
[72] WANG, HONGWU, US
[71] MERCK SHARP & DOHME CORP., US
[85] 2018-08-30
[86] 2017-03-02 (PCT/US2017/020303)
[87] (WO2017/155765)
[30] US (62/304,447) 2016-03-07

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[13] A1
[51] **Int.Cl. C07H 5/08 (2006.01) C07H 5/00 (2006.01)**
[25] EN
[54] **SELENOGALACTOSIDE COMPOUNDS FOR THE PREVENTION AND TREATMENT OF DISEASES ASSOCIATED WITH GALECTIN AND THE USE THEREOF**
[54] **COMPOSES DE SELENOGALACTOSIDE POUR LA PREVENTION ET LE TRAITEMENT DE MALADIES ASSOCIEES A LA GALECTINE ET LEUR UTILISATION**
[72] SHECHTER, SHARON, US
[72] ZOMER, ELIEZER, US
[72] TRABER, PETER G., US
[72] NIR, RAPHAEL, US
[72] JOHNSON, JOSEPH M., US
[72] GEORGE, RYAN, US
[71] GALECTIN SCIENCES, LLC, US
[85] 2018-08-30
[86] 2017-03-03 (PCT/US2017/020658)
[87] (WO2017/152048)
[30] US (62/303,872) 2016-03-04

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[13] A1
[51] **Int.Cl. G06T 17/05 (2011.01) G09B 9/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REPRESENTING A SIMULATION ENVIRONMENT**
[54] **PROCEDE ET SYSTEME POUR REPRESENTER UN ENVIRONNEMENT DE SIMULATION**
[72] PABST, MANUEL, DE
[72] HAUBNER, MICHAEL, DE
[71] KRAUSS-MAFFEI WEGMANN GMBH & CO. KG, DE
[85] 2018-08-31
[86] 2017-03-22 (PCT/DE2017/100230)
[87] (WO2017/182021)
[30] DE (10 2016 107 251.6) 2016-04-19

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) G06T 17/00 (2006.01)**
[25] EN
[54] **VIRTUAL REALITY OR AUGMENTED REALITY VISUALIZATION OF 3D MEDICAL IMAGES**
[54] **VISUALISATION EN REALITE VIRTUELLE OU EN REALITE AUGMENTEE D'IMAGES MEDICALES 3D**
[72] SILVA, JONATHAN, US
[72] SILVA, JENNIFER, US
[71] WASHINGTON UNIVERSITY, US
[85] 2018-08-30
[86] 2017-03-20 (PCT/US2017/023221)
[87] (WO2017/165301)
[30] US (62/310,969) 2016-03-21

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[13] A1
[51] **Int.Cl. A01N 33/12 (2006.01) A01N 25/02 (2006.01) A01N 31/02 (2006.01) A01N 37/36 (2006.01) A01N 37/44 (2006.01) A01N 43/08 (2006.01) A01N 43/16 (2006.01) A01N 43/50 (2006.01) A01N 59/14 (2006.01) A01P 1/00 (2006.01) A61K 9/08 (2006.01) A61K 31/047 (2006.01) A61K 31/14 (2006.01) A61K 31/19 (2006.01) A61K 31/4164 (2006.01) A61K 33/22 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **ANTIMICOBIAL COMPOSITIONS CONTAINING POLYQUATERNIUM**
[54] **COMPOSITIONS ANTIMICROBIENNES CONTENANT DU POLYQUATERNIUM**
[72] BAI, MINGQI, US
[72] HOLEVA, KENNETH T., US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2018-08-30
[86] 2017-03-02 (PCT/US2017/020305)
[87] (WO2017/151831)
[30] US (62/303,939) 2016-03-04
[30] US (15/442,152) 2017-02-24

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[13] A1
[51] **Int.Cl. F23C 10/00 (2006.01) F23B 90/02 (2011.01) F23B 80/02 (2006.01) F23C 9/08 (2006.01) F23C 10/01 (2006.01) F23C 10/16 (2006.01) F23G 5/30 (2006.01) F23G 7/07 (2006.01) F23L 7/00 (2006.01) F27B 15/00 (2006.01) F27D 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OXYGEN CARRIER ASSISTED OXY-FIRED FLUIDIZED BED COMBUSTION**
[54] **SYSTEME ET PROCEDE DE COMBUSTION A LIT FLUIDISE A GAZ OXYGENE ASSISTEE PAR PORTEUR D'OXYGENE**
[72] HUGHES, ROBIN W., CA
[72] LU, DENNIS Y., CA
[72] SYMONDS, ROBERT T., CA
[72] RIDHA, FIRAS N., CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES, CA
[85] 2018-08-31
[86] 2017-03-24 (PCT/CA2017/050372)
[87] (WO2017/161460)
[30] US (62/312,764) 2016-03-24

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[13] A1
[51] **Int.Cl. A61K 39/21 (2006.01) A61P 31/18 (2006.01) A61P 37/04 (2006.01) C07K 14/16 (2006.01) C12N 7/00 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR INDUCING HIV-1 ANTIBODIES**
[54] **COMPOSITIONS ET PROCEDES POUR INDUIRE DES ANTICORPS DU VIH-1**
[72] HAYNES, BARTON F., US
[72] BONSIGNORI, MATTIA, US
[72] KORBER, BETTE T., US
[72] HRABER, PETER T., US
[72] SAUNDERS, KEVIN, US
[71] DUKE UNIVERSITY, US
[71] LOS ALAMOS NATIONAL SECURITY, LLC, US
[85] 2018-08-30
[86] 2017-03-03 (PCT/US2017/020823)
[87] (WO2017/152146)
[30] US (62/303,273) 2016-03-03
[30] US (62/403,649) 2016-10-03

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[13] A1
[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/4985 (2006.01)**
[25] EN
[54] **ORGANIC COMPOUNDS**
[54] **COMPOSES ORGANIQUES**
[72] YAO, WEI, US
[72] LI, PENG, US
[71] INTRA-CELLULAR THERAPIES, INC., US
[85] 2018-08-30
[86] 2017-03-24 (PCT/US2017/024137)
[87] (WO2017/165843)
[30] US (62/313,629) 2016-03-25

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[13] A1
[51] **Int.Cl. B05B 17/08 (2006.01) B05B 9/03 (2006.01) B05B 9/04 (2006.01) B05B 12/00 (2018.01) B05B 12/14 (2006.01)**
[25] EN
[54] **WATER FEATURE**
[54] **JEU D'EAU**
[72] BOHLINGER, HARALD, DE
[71] BOHLINGER, HARALD, DE
[85] 2018-08-31
[86] 2017-04-02 (PCT/DE2017/100253)
[87] (WO2017/174068)
[30] DE (10 2016 106 227.8) 2016-04-05

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[13] A1
[51] **Int.Cl. A61K 31/713 (2006.01) A61P 35/00 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **TREATMENT OF CANCER BY SYSTEMIC ADMINISTRATION OF DBAIT MOLECULES**
[54] **TRAITEMENT DU CANCER PAR ADMINISTRATION SYSTEMIQUE DE MOLECULES DBAIT**
[72] DUTREIX, MARIE, FR
[72] BERTHAULT, NATHALIE, FR
[71] ONXEO, FR
[71] INSTITUT CURIE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[85] 2018-08-31
[86] 2017-03-01 (PCT/EP2017/054702)
[87] (WO2017/148976)
[30] EP (EP16305234.3) 2016-03-01

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[13] A1
[51] **Int.Cl. B23D 61/02 (2006.01) B27B 5/34 (2006.01)**
[25] EN
[54] **A SPACER STRUCTURE FOR A SAW DISC ASSEMBLY AND A SAW DISC ASSEMBLY**
[54] **STRUCTURE D'ENTRETOISE POUR ENSEMBLE DISQUE DE SCIE ET ENSEMBLE DISQUE DE SCIE**
[72] NILSSON, TOBIAS, SE
[72] SJODAHL, FREDRIK, SE
[71] HUSQVARNA AB, SE
[85] 2018-08-31
[86] 2016-03-03 (PCT/EP2016/054531)
[87] (WO2017/148517)

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[13] A1
[51] **Int.Cl. A61K 31/5513 (2006.01) A61K 31/381 (2006.01)**
[25] EN
[54] **METHODS OF TREATING OR REDUCING THE RISK OF CARDIOVASCULAR EVENTS AND RELATED DISEASES USING SGLT-2 INHIBITORS**
[54] **PROCEDE DE TRAITEMENT OU DE REDUCTION DU RISQUE D'EVENEMENTS CARDIOVASCULAIRES ET DE MALADIES ASSOCIEES AU MOYEN D'INHIBITEUR DE SGLT-2**
[72] LAURING, BRETT, US
[72] ENGEL, SAMUEL S., US
[72] TERRA, STEVEN G., US
[72] RUSNAK, JAMES M., US
[71] MERCK SHARP & DOHME CORP., US
[71] PFIZER INC., US
[85] 2018-08-30
[86] 2017-03-06 (PCT/US2017/020849)
[87] (WO2017/155841)
[30] US (62/306,907) 2016-03-11

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[13] A1
[51] **Int.Cl. F16K 31/124 (2006.01) B65H 3/08 (2006.01) F16K 27/00 (2006.01)**
[25] EN
[54] **DEVICE FOR GAS AND/OR VACUUM DISTRIBUTION, SUCTION UNIT, FEEDER, SHEET PROCESSING MACHINE AND METHOD FOR PILOTING A DEVICE FOR GAS AND/OR VACUUM DISTRIBUTION**
[54] **DISPOSITIF DE DISTRIBUTION DE GAZ ET/OU DE VIDE, UNITE D'ASPIRATION, DISPOSITIF D'ALIMENTATION, MACHINE DE TRAITEMENT DE FEUILLE ET PROCEDE DE PILOTAGE D'UN DISPOSITIF DE DISTRIBUTION DE GAZ ET/OU DE VIDE**
[72] DELIEUTRAZ, NICOLAS, CH
[72] DELLEY, YANN, CH
[71] BOBST MEX SA, CH
[85] 2018-08-31
[86] 2017-03-07 (PCT/EP2017/025039)
[87] (WO2017/153053)
[30] EP (16020068.9) 2016-03-07

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **METHODS FOR LUNG CANCER DETECTION**
[54] **PROCEDES DE DETECTION DU CANCER DU POUMON**
[72] ZIMMERMANN, BERNHARD, US
[72] CONSTANTIN, TUDOR POMPILIU, US
[72] SALARI, RAHELEH, US
[72] KIRKIZLAR, HUSEYIN ESER, US
[72] SWANTON, ROBERT CHARLES, GB
[72] JAMAL-HANJANI, MARIAM, GB
[72] ABBOSH, CHRISTOPHER, GB
[72] WILSON, GARETH, GB
[71] UCL BUSINESS PLC, GB
[71] NATERA, INC., US
[85] 2018-08-30
[86] 2017-04-17 (PCT/US2017/028013)
[87] (WO2017/181202)
[30] US (62/323,589) 2016-04-15

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[13] A1
[51] **Int.Cl. C01F 7/04 (2006.01) C01G 37/10 (2006.01) C11D 3/12 (2006.01) C11D 9/22 (2006.01) C12N 11/08 (2006.01) C12Q 1/68 (2018.01) G01N 21/75 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR IDENTIFYING RARE CELLS**
[54] **COMPOSITIONS ET PROCEDES D'IDENTIFICATION DE CELLULES RARES**
[72] BHAKDI, SEBASTIAN CHAKRIT PUNYARATABANDHU, DE
[71] X-ZELL INC., US
[85] 2018-08-30
[86] 2017-03-06 (PCT/US2017/020905)
[87] (WO2017/155869)
[30] US (62/304,452) 2016-03-07
[30] US (62/313,366) 2016-03-25
[30] US (62/313,250) 2016-03-25
[30] US (62/430,542) 2016-12-06

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[13] A1
[51] **Int.Cl. A01N 43/56 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **CROP ENHANCEMENT**
[54] **AMELIORATION DE PLANTES CULTIVEES**
[72] GUICHERIT, ERIC, CH
[72] HARP, TYLER, LEE, US
[72] LEIPNER, JOERG, CH
[72] BARTSCH, MICHAEL, CH
[72] KUZNETSOV, DMITRY, CH
[72] RAMBACH JANKOWSKI, ODILE, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2018-08-31
[86] 2017-02-21 (PCT/EP2017/053882)
[87] (WO2017/153162)
[30] GB (1603965.3) 2016-03-08

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[13] A1
[51] **Int.Cl. C04B 7/02 (2006.01) C04B 18/06 (2006.01) C04B 18/14 (2006.01) C04B 22/12 (2006.01) C04B 22/14 (2006.01) C04B 28/02 (2006.01) C04B 40/02 (2006.01)**
[25] EN
[54] **HAZING CONTROL FOR CARBONATABLE CALCIUM SILICATE-BASED CEMENTS AND CONCRETES**
[54] **MAITRISE DU TERNISSAGE DES CIMENTS ET BETONS A BASE DE SILICATE DE CALCIUM POUVANT ETRE CARBONATES**
[72] SAHU, SADANANDA, US
[72] HENNESSY, RUKYAH, US
[72] QUINN, SEAN, US
[71] SOLIDIA TECHNOLOGIES, INC., US
[85] 2018-08-30
[86] 2017-03-06 (PCT/US2017/021009)
[87] (WO2017/155899)
[30] US (62/307,315) 2016-03-11

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[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4439 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **NEW 2-SUBSTITUTED INDAZOLES, METHODS FOR PRODUCING SAME, PHARMACEUTICAL PREPARATIONS THAT CONTAIN SAME, AND USE OF SAME TO PRODUCE DRUGS**
[54] **NOUVEAUX INDAZOLES SUBSTITUES EN 2, LEURS PROCEDES DE PREPARATION, PREPARATIONS PHARMACEUTIQUES LES CONTENANT, ET LEUR UTILISATION POUR PRODUIRE DES MEDICAMENTS**
[72] BOTHE, ULRICH, DE
[72] SIEBENEICHER, HOLGER, DE
[72] SCHMIDT, NICOLE, DE
[72] GUNTHER, JUDITH, DE
[72] STEUBER, HOLGER, DE
[72] BOMER, ULF, DE
[72] LANGE, MARTIN, DE
[72] NUBBEMEYER, REINHARD, DE
[72] RAY, NICHOLAS CHARLES, GB
[72] SAVY, PASCAL, GB
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2018-08-31
[86] 2017-02-28 (PCT/EP2017/054577)
[87] (WO2017/148902)
[30] EP (16158542.7) 2016-03-03

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[13] A1
[51] **Int.Cl. G21F 5/005 (2006.01)**
[25] EN
[54] **SYSTEM FOR STORAGE CONTAINER WITH REMOVABLE SHIELD PANELS**
[54] **SYSTEME POUR CONTENEUR DE STOCKAGE AVEC PANNEAUX DE PROTECTION AMOVIBLES**
[72] CAMPBELL, BRETT, US
[72] DALTON, DAVID, US
[72] LILLY, BRETT, US
[71] KURION, INC., US
[85] 2018-08-30
[86] 2017-05-23 (PCT/US2017/034075)
[87] (WO2017/205427)
[30] US (62/342,028) 2016-05-26

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 30/02 (2012.01) G06T 7/00 (2017.01)**
[25] EN
[54] **SCREEN DAMAGE DETECTION FOR DEVICES**
[54] **DETECTION D'ECRAN ENDOMMAGE POUR DISPOSITIFS**
[72] NAIR, BIJU, US
[72] SINGH, BIKRAMJIT, US
[72] NAIR, SATISH G., US
[72] REDDY, RAM MOHAN, US
[72] DWIVEDI, RAJIV KUMAR, US
[72] HEISTAD, CHRISTOPHER, US
[72] GRIFFITHS, REBEKAH JANE, US
[72] CHINN, JONATHAN BRIAN, US
[72] MEDINA, KARL FELIX, US
[71] HYLA, INC., US
[85] 2018-08-30
[86] 2017-03-07 (PCT/US2017/021223)
[87] (WO2017/156046)
[30] US (62/304,729) 2016-03-07
[30] US (15/452,707) 2017-03-07

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[13] A1
[51] **Int.Cl. A61K 31/415 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **DOSAGE REGIMEN FOR THE TREATMENT OF ACUTE EXACERBATIONS OF INFLAMMATORY CONDITIONS**
[54] **REGIME POSOLOGIQUE POUR LE TRAITEMENT D'EXACERBATIONS AIGUES D'ETATS INFLAMMATOIRES**
[72] ORFORD, COLIN, GB
[72] CLARKE, CYRIL, GB
[72] FARRELL, COLM, GB
[72] PARKIN, JACQUELINE, GB
[72] DE BUCK, STEFAN, CH
[71] MEREO BIOPHARMA 1 LIMITED, GB
[85] 2018-08-31
[86] 2016-03-08 (PCT/GB2016/050635)
[87] (WO2017/153701)

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[13] A1
[51] **Int.Cl. C07J 31/00 (2006.01) A61K 31/567 (2006.01) A61P 5/36 (2006.01)**
[25] EN
[54] **PRODRUGS OF THE SELECTIVE PROGESTERONE RECEPTOR MODULATOR (SPRM) (11.BETA.,17.BETA.)-17-HYDROXY-11-[4-(METHYLSULPHONYL)PHENYL]-17-(PENTAFLUOROETHYL)ESTRA-4,9-DIEN-3-ONE**
[54] **PROMEDICAMENTS DU MODULATEUR SELECTIF DU RECEPTEUR DE LA PROGESTERONE (SPRM) (11.BETA, 17.BETA)-17-HYDROXY-11-[4-(METHYLSULPHONYL)PHENYL]-17-(PENTAFLUOROETHYL)ESTRA-4,9-DIEN-3-ONE**
[72] MILITZER, HANS-CHRISTIAN, DE
[72] ROTTMANN, ANTJE, DE
[72] WAGENFELD, ANDREA, DE
[72] IRLBACHER, HORST, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2018-08-31
[86] 2017-03-01 (PCT/EP2017/054704)
[87] (WO2017/148977)
[30] EP (16158598.9) 2016-03-04

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[13] A1
[51] **Int.Cl. C07D 471/10 (2006.01) A61K 31/4353 (2006.01) A61K 31/537 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 471/20 (2006.01) C07D 498/20 (2006.01)**
[25] EN
[54] **SPIRO-CONDENSED PYRROLIDINE DERIVATIVES AS DEUBIQUITYLATING ENZYMES (DUB) INHIBITORS**
[54] **DERIVES DE PYRROLIDINE SPIRO-FUSIONNES EN TANT QU'INHIBITEURS DES ENZYMES DE DESUBIQUITINATION (DUB)**
[72] KEMP, MARK IAN, GB
[72] STOCKLEY, MARTIN LEE, GB
[72] WOODROW, MICHAEL DAVID, GB
[72] JONES, ALISON, GB
[71] MISSION THERAPEUTICS LIMITED, GB
[85] 2018-08-31
[86] 2017-03-02 (PCT/GB2017/050565)
[87] (WO2017/149313)
[30] GB (1603779.8) 2016-03-04

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[13] A1
[51] **Int.Cl. B01D 71/02 (2006.01) B01D 39/20 (2006.01) C02F 1/44 (2006.01)**
[25] EN
[54] **MODIFIED CERAMIC MEMBRANES FOR TREATMENT OF OIL SANDS PRODUCED WATER, DISCHARGE WATER AND EFFLUENT STREAMS**
[54] **MEMBRANES CERAMIQUES MODIFIEES POUR LE TRAITEMENT D'EAU PRODUITE PAR DES SABLES BITUMINEUX, D'EAU DE DECHARGE ET DE FLUX D'EFFLUENTS**
[72] MORTAZAVI, SAVIZ, CA
[72] TREMBLAY, ANDRE YVES, CA
[72] ATALLAH, CHARBEL, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA, CA
[85] 2018-08-31
[86] 2017-07-26 (PCT/CA2017/050899)
[87] (WO2018/112599)
[30] US (62/438,643) 2016-12-23

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[13] A1
[51] **Int.Cl. C11D 3/20 (2006.01) C11D 3/34 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **ENCAPSULATED LAUNDRY CLEANING COMPOSITION**
[54] **COMPOSITION DE LESSIVE POUR LE LINGE ENCAPSULEE**
[72] GUTOWSKI, KEITH E., US
[72] HAWKER, DUSTIN D., US
[71] BASF SE, DE
[85] 2018-08-30
[86] 2017-03-08 (PCT/US2017/021380)
[87] (WO2017/156141)
[30] US (62/305,792) 2016-03-09

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[13] A1
[51] **Int.Cl. A61K 39/12 (2006.01) C12N 7/01 (2006.01)**
[25] EN
[54] **CHIMERIC PORCINE CIRCOVIRUS TYPE 2 (PCV2) VACCINES**
[54] **VACCINS CONTRE LE CIRCOVIRUS PORCIN CHIMERIQUE DE TYPE 2 (PCV2)**
[72] MENG, XIANG-JIN, US
[72] MATZINGER, SHANNON R., US
[72] BEACH, NATHAN M, US
[71] VIRGINIA TECH INTELLECTUAL PROPERTIES, INC, US
[85] 2018-08-31
[86] 2017-03-03 (PCT/IB2017/000966)
[87] (WO2017/187277)
[30] US (62/304,596) 2016-03-07

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[25] EN
[54] **ORTHODONTIC SYSTEM WITH TOOTH MOVEMENT AND POSITION MEASURING, MONITORING, AND CONTROL**
[54] **SYSTEME ORTHODONTIQUE A MESURE, SURVEILLANCE ET COMMANDE DE POSITION ET DE MOUVEMENT DE DENT**
[72] LOTAN, TAL, IL
[72] RONEN, SHACHAR, IL
[71] DROR ORTHO DESIGN LTD (AERODENTIS), IL
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[25] EN
[54] **BOARD WITH IMPROVED COMPRESSION STRENGTH**
[54] **PLANCHE PRESENTANT UNE RESISTANCE A LA COMPRESSION AMELIOREE**
[72] HEISKANEN, ISTO, FI
[72] LAMPAINEN, SEPPO, FI
[72] KANKKUNEN, JUKKA, FI
[71] STORA ENSO OYJ, FI
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[54] **PROCESS AND APPARATUS FOR SWITCHING REDOXACTIVE CELLS**
[54] **PROCEDE ET APPAREIL DE COMMUTATION DE CELLULES A ACTIVITE REDOX**
[72] WALDMANN, DANIEL, DE
[72] ROEDER, JENS, DE
[72] GOEBEL, MICHAEL, DE
[72] AHLF, MARAIKE, DE
[71] BASF SE, DE
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[51] **Int.Cl. B65G 27/04 (2006.01)**
[25] EN
[54] **VIBRATORY CONVEYOR WITH A CONVEYOR TROUGH WHICH IS MADE OF A FLEXIBLE MAT**
[54] **TRANSPORTEUR OSCILLANT EQUIPE D'UN AUGET FORME PAR UN TAPIS FLEXIBLE**
[72] HALLADIN, JORG, DE
[72] STENING, FREDERIK, DE
[72] LAKE, CHRISTIAN, DE
[72] TETHET, STEFAN, DE
[71] SPALECK GMBH & CO. KOMMANDITGESELLSCHAFT, DE
[85] 2018-08-31
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[25] EN
[54] **GAS TIGHT HORIZONTAL DECANTER FOR DRILLING WASTE SOLIDS WASHING**
[54] **DECANTEUR HORIZONTAL ETANCHE AUX GAZ POUR LAVAGE DE DECHETS SOLIDES DE FORAGE**
[72] ROSS, STAN, CA
[72] BIERSTEKER, MIKE, CA
[72] PALMER, WENDELL, CA
[72] SUDLOW, PAUL, CA
[71] RECOVER ENERGY SERVICES INC., CA
[85] 2018-08-31
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[25] EN
[54] **AN ELECTRONIC PAYMENT SYSTEM AND METHOD THEREOF**
[54] **SYSTEME DE PAIEMENT ELECTRONIQUE ET PROCEDE ASSOCIE**
[72] ASBE, DILIP, IN
[72] RAJENDRAN, NARAYANAN, IN
[72] PALAGIRI, SATEESH, IN
[72] SHARMA, ANUBHAV, IN
[71] NATIONAL PAYMENTS CORPORATION OF INDIA, IN
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[54] **DETECTION OF HOT CRACKS IN LASER WELDING**
[54] **DETECTION DE FISSURATIONS A CHAUD LORS D'UN SOUDAGE AU LASER**
[72] HAUG, PATRICK, DE
[72] HESSE, TIM, DE
[72] KESSLER, STEFFEN, DE
[72] SCHAFER, MARCEL, DE
[72] SCHEIBLE, PHILIPP, DE
[71] TRUMPF LASER- UND SYSTEMTECHNIK GMBH, DE
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[25] EN
[54] **TREATING EPHRIN RECEPTOR A2 (EPHA2) POSITIVE CANCER WITH TARGETED DOCETAXEL-GENERATING NANO-LIPOSOME COMPOSITIONS**
[54] **TRAITEMENT DU CANCER POSITIF AU RECEPTEUR DE L'EPHRINE A2 (EPHA2) AVEC DES COMPOSITIONS DE NANOLIPOSOMES CIBLES DE GENERATION DE DOCETAXEL**
[72] DRUMMOND, DARYL C., US
[72] KAMOUN, WALID, US
[71] MERRIMACK PHARMACEUTICALS, INC, US
[85] 2018-08-30
[86] 2017-03-16 (PCT/US2017/022629)
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[25] EN
[54] **HIGH-PRESSURE GAS STORAGE CONTAINER AND METHOD FOR PRODUCING HIGH-PRESSURE GAS STORAGE CONTAINER**
[54] **CONTENANT DE STOCKAGE DE GAZ A HAUTE PRESSION ET PROCEDE DE PRODUCTION DE CONTENANT DE STOCKAGE DE GAZ A HAUTE PRESSION**
[72] TAKEMOTO, SHINICHIRO, JP
[72] UCHIDA, HIROSHI, JP
[72] KONO, KENTARO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-08-31
[86] 2016-09-29 (PCT/JP2016/078928)
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[25] EN
[54] **ROTARY CUTTING TOOL HAVING TOOL HOLDER WITH CONICAL INTERNAL THREAD AND REPLACEABLE CUTTING HEAD WITH STRAIGHT EXTERNAL THREAD, AND SAID TOOL HOLDER**
[54] **OUTIL DE COUPE ROTATIF COMPORTANT UN PORTE-OUTIL AVEC FILETAGE INTERIEUR CONIQUE ET UNE TETE DE COUPE REMPLACABLE AVEC FILETAGE EXTERIEUR RECTILIGNE, ET LEDIT PORTE-OUTIL**
[72] GUY, HANOCH, IL
[71] ISCAR LTD., IL
[85] 2018-08-31
[86] 2017-03-01 (PCT/IL2017/050259)
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[54] **STRUCTURE AND METHOD FOR PRODUCING A STRUCTURE**
[54] **CORPS DE STRUCTURE ET PROCEDE DE FABRICATION D'UN CORPS DE STRUCTURE**
[72] KONO, KENTARO, JP
[72] TAKEMOTO, SHINICHIRO, JP
[72] UCHIDA, HIROSHI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[25] EN
[54] **MULTIMODAL VECTOR FOR DENDRITIC CELL INFECTION**
[54] **VECTEUR MULTIMODAL POUR L'INFECTION DE CELLULES DENDRITIQUES**
[72] SOON-SHIONG, PATRICK, US
[72] NIAZI, KAYVAN, US
[72] RABIZADEH, SHAHROOZ, US
[71] NANT HOLDINGS IP, LLC, US
[71] NANTCELL, INC., US
[85] 2018-08-30
[86] 2017-03-20 (PCT/US2017/023117)
[87] (WO2017/161360)
[30] US (62/310,551) 2016-03-18
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[51] **Int.Cl. B22F 9/26 (2006.01) B22F 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING NICKEL POWDER**
[54] **PROCEDE DE PRODUCTION DE POUDRE DE NICKEL**
[72] OZAKI, YOSHITOMO, JP
[72] HEGURI, SHIN-ICHI, JP
[72] TAKAISHI, KAZUYUKI, JP
[72] YAMAGUMA, RYO-MA, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
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[25] EN
[54] **SUSTAINED DRUG RELEASE SHEET FOR TREATING NERVE INJURY**
[54] **FEUILLE A LIBERATION PROLONGEE DE MEDICAMENT POUR TRAITER UNE LESION NERVEUSE**
[72] TANAKA, HIROYUKI, JP
[72] OKADA, KIYOSHI, JP
[72] YOSHIKAWA, HIDEKI, JP
[72] SUZUKI, KOJI, JP
[72] EBARA, MITSUHIRO, JP
[71] NIPPON ZOKI PHARMACEUTICAL CO., LTD., JP
[71] OSAKA UNIVERSITY, JP
[71] NATIONAL INSTITUTE FOR MATERIALS SCIENCE, JP
[85] 2018-08-31
[86] 2017-03-06 (PCT/JP2017/008730)
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[30] JP (2016-043873) 2016-03-07
[30] JP (2017-008913) 2017-01-20
[30] JP (2017-037270) 2017-02-28

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[54] **GARMENT**
[54] **VETEMENT**
[72] FUJIHARA, NOBUTOSHI, JP
[72] MURAKAMI, YASUHARU, JP
[72] ISHIKAWA, EMIKO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-08-31
[86] 2017-03-14 (PCT/JP2017/010101)
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[25] EN
[54] **AIR CONTROL SYSTEM FOR ENHANCING A CONNECTION BETWEEN A LIMB LINER AND A LIMB PROSTHESIS**
[54] **SYSTEME DE COMMANDE D'AIR POUR AMELIORER UNE LIAISON ENTRE UN REVETEMENT DE MEMBRE ET UNE PROTHESE DE MEMBRE**
[72] BERNHARDT, FREDERICK S., US
[72] PANUNCIALMAN, PETER V., US
[71] COMFORT PRODUCTS, INC., US
[85] 2018-08-30
[86] 2017-03-21 (PCT/US2017/023487)
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[25] EN
[54] **CONDENSED HETEROCYCLIC COMPOUND AND PESTICIDES**
[54] **COMPOSE HETEROCYCLIQUE CONDENSE ET AGENT DE LUTTE ANTIPARASITAIRE**
[72] KUDO, TAKAO, JP
[72] TSUJI, KEISUKE, JP
[72] NOTO, KENKICHI, JP
[72] MAIZURU, YUKIHIRO, JP
[72] MATSUI, HIROTO, JP
[72] KOBAYASHI, MASAKI, JP
[72] IMANAKA, HOTAKA, JP
[71] NISSAN CHEMICAL CORPORATION, JP
[85] 2018-08-31
[86] 2017-03-10 (PCT/JP2017/009763)
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[30] JP (2016-047064) 2016-03-10
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[30] JP (2016-255131) 2016-12-28

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[25] EN
[54] **GATEWAY DEVICE, RADIO COMMUNICATION DEVICE, CHARGING CONTROL METHOD, DATA TRANSMISSION METHOD, AND COMPUTER READABLE MEDIUM**
[54] **DISPOSITIF PASSERELLE, DISPOSITIF DE COMMUNICATION SANS FIL, PROCEDE DE COMMANDE DE TAXATION, PROCEDE DE TRANSMISSION DE DONNEES ET SUPPORT LISIBLE PAR ORDINATEUR**
[72] TAMURA, TOSHIYUKI, JP
[71] NEC CORPORATION, JP
[85] 2018-08-31
[86] 2017-01-30 (PCT/JP2017/003127)
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[51] **Int.Cl. D03D 11/00 (2006.01) D03D 3/04 (2006.01)**
[25] EN
[54] **TWO-LAYER FABRIC FOR UNWOVEN FABRIC**
[54] **TEXTILE A DEUX COUCHES POUR TISSU NON-TISSE**
[72] EGAWA, TORU, JP
[71] NIPPON FILCON CO., LTD, JP
[85] 2018-08-30
[86] 2017-02-07 (PCT/JP2017/004322)
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[30] JP (2016-090923) 2016-04-28

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[51] **Int.Cl. A61M 16/06 (2006.01) A61B 18/08 (2006.01) A62B 18/02 (2006.01)**
[25] EN
[54] **CRANIUM CUDDLER**
[54] **CAPITONNAGE POUR CRANE**
[72] LUN, MICHAEL CAM, US
[72] OH, DANIEL, US
[72] CHAUHAN, KIRAN, US
[72] HALL, ASHLEY, US
[72] YFANTIS, ANDREW, US
[72] VISVESHWARA, NADARASA, US
[71] VALLEY CHILDREN'S HEALTHCARE, US
[85] 2018-08-31
[86] 2016-03-03 (PCT/US2016/020735)
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[51] **Int.Cl. B65D 47/08 (2006.01)**
[25] EN
[54] **CAP FOR CONTAINERS**
[54] **FERMETURE POUR DES RECIPIENTS**
[72] BERROA GARCIA, JAVIER, ES
[71] BETAPACK, S.A.U., ES
[71] ALMA SA, FR
[85] 2018-08-31
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[51] **Int.Cl. B61F 5/24 (2006.01) F15B 11/00 (2006.01)**
[25] EN
[54] **RAILWAY VEHICLE VIBRATION DAMPING DEVICE**
[54] **DISPOSITIF D'AMORTISSEMENT POUR UN VEHICULE FERROVIAIRE**
[72] OGAWA, TAKAYUKI, JP
[72] AOKI, JUN, JP
[71] KYB CORPORATION, JP
[85] 2018-08-31
[86] 2017-04-19 (PCT/JP2017/015733)
[87] (WO2018/020757)
[30] JP (2016-149989) 2016-07-29

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[51] **Int.Cl. C12C 3/00 (2006.01) A23L 2/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING BEVERAGE AND METHOD FOR IMPROVING FLAVOR OF BEVERAGE**
[54] **PROCEDE DE PRODUCTION D'UNE BOISSON ET PROCEDE D'AMELIORATION DE L'AROME D'UNE BOISSON**
[72] MORITA, SUSUMU, JP
[72] TAKAOKA, TOMOKAZU, JP
[72] HARADA, HIDEO, JP
[72] ISHIBASHI, NOBUCHIKA, JP
[72] KANDA, HAJIME, JP
[72] IKUTANI, RYUMA, JP
[71] SAPPORO HOLDINGS LIMITED, JP
[85] 2018-08-31
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[25] EN
[54] **PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST NON-SMALL CELL LUNG CANCER AND OTHER CANCERS**
[54] **PEPTIDES ET COMBINAISON DE PEPTIDES A UTILISER EN IMMUNOTHERAPIE CONTRE LE CANCER DU POUMON NON A PETITES CELLULES ET D'AUTRES CANCERS**
[72] MAHR, ANDREA, DE
[72] SCHOOR, OLIVER, DE
[72] WEINSCHENK, TONI, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
[85] 2018-08-31
[86] 2017-03-15 (PCT/EP2017/056049)
[87] (WO2017/157972)
[30] GB (1604458.8) 2016-03-16
[30] US (62/308,944) 2016-03-16

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[25] EN
[54] **STREPTAVIDIN MUTEINS AND METHODS OF USING THEM**
[54] **MUTEINES DE STREPTAVIDINE ET METHODES D'UTILISATION ASSOCIEES**
[72] SCHMIDT, THOMAS, DE
[71] IBA GMBH, DE
[85] 2018-08-31
[86] 2017-04-25 (PCT/EP2017/059715)
[87] (WO2017/186669)
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[51] **Int.Cl. G05B 23/02 (2006.01) B61F 5/24 (2006.01) F16F 15/02 (2006.01)**
[25] EN
[54] **CONTROL SOUNDNESS DETERMINATION DEVICE**
[54] **DISPOSITIF DE DETERMINATION DE LA QUALITE DE COMMANDE**
[72] OGAWA, TAKAYUKI, JP
[71] KYB CORPORATION, JP
[85] 2018-08-31
[86] 2017-04-19 (PCT/JP2017/015736)
[87] (WO2018/029912)
[30] JP (2016-158560) 2016-08-12

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[25] EN
[54] **GRATING-BASED BACKLIGHT EMPLOYING REFLECTIVE GRATING ISLANDS**
[54] **RETROECLAIRAGE A BASE DE RESEAU UTILISANT DES ILOTS DE RESEAU REFLECHISSANTS**
[72] FATTAL, DAVID A., US
[71] LEIA INC., US
[85] 2018-08-31
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[25] EN
[54] **MULTI-ZONE PROCESSING SYSTEM FOR APPLYING ELECTROMAGNETIC ENERGY**
[54] **SYSTEME DE TRAITEMENT MULTIZONE POUR L'APPLICATION D'ENERGIE ELECTROMAGNETIQUE**
[72] DRUGA, MICHAEL CONLEY, US
[72] CORONEL, PABLO MARCELO, US
[72] CHAPMAN, STEVEN LAWRENCE, US
[72] KENNER, THOMAS HENRY, US
[71] HBC HOLDING COMPANY, LLC, US
[85] 2018-08-31
[86] 2016-03-24 (PCT/US2016/024025)
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[25] EN
[54] **METHOD FOR PRODUCING NICKEL POWDER**
[54] **PROCEDE DE PRODUCTION DE POUDRE DE NICKEL**
[72] HEGURI, SHIN-ICHI, JP
[72] OZAKI, YOSHITOMO, JP
[72] YAMAGUMA, RYO-MA, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2018-08-31
[86] 2017-02-22 (PCT/JP2017/006623)
[87] (WO2017/150305)
[30] JP (2016-042668) 2016-03-04

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[51] **Int.Cl. A22C 7/00 (2006.01) A23B 4/005 (2006.01) A23L 3/005 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING FORMED MEAT PATTIES**
[54] **SYSTEME ET PROCEDE DE PRODUCTION DE GALETTES DE VIANDE MISES EN FORME**
[72] BEARSON, KENT, US
[72] FU, DEJING, US
[72] DORSEY, FREDERICK, US
[72] MILLER, NICHOLAS, US
[72] JOHN, LIZA, US
[71] THE HILLSHIRE BRANDS COMPANY, US
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[54] **SYSTEME, PROCEDE ET FILTRE DE VENTILATION**
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[72] KARLSSON, BENGT-GORAN, SE
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[54] **DEEP MACHINE LEARNING METHODS AND APPARATUS FOR ROBOTIC GRASPING**
[54] **PROCEDES ET APPAREIL D'APPRENTISSAGE AUTOMATIQUE PROFOND POUR PREHENSION ROBOTIQUE**
[72] LEVINE, SERGEY, US
[72] PASTOR SAMPEDRO, PETER, US
[72] KRIZHEVSKY, ALEX, US
[71] GOOGLE LLC, US
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[54] **APPAREIL ET PROCEDES POUR SYSTEMES DE FIXATION A SURFACE, NON-EFFRACTIVE, SURE ET NON-PERMANENTE**
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[72] HOLT, MARK, US
[71] HOLT, JOHN, US
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[54] **MISE EN CORRESPONDANCE DE COULEURS SUR DE MULTIPLES CAPTEURS DANS UN SYSTEME OPTIQUE**
[72] KISER, WILLIE C., US
[72] TOCCI, MICHAEL D., US
[72] TOCCI, NORA, US
[71] CONTRAST OPTICAL DESIGN & ENGINEERING, INC., US
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[54] **CONNECTEURS COAXIAUX A CORPS DE SAISIE AVANT**
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[72] WATKINS, HAROLD J., US
[71] PPC BROADBAND, INC., US
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[72] CHASE, DANIEL G., US
[72] GAMBLE, KRISTIAN DIOR, US
[71] TACTILE SYSTEMS TECHNOLOGY, INC., US
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[54] **MEDICAMENT THERAPEUTIQUE INDUISANT DES LESIONS CELLULAIRES A UTILISER DANS LE TRAITEMENT DU CANCER**
[72] KINOSHITA, YASUKO, JP
[72] KAWAI, YUMIKO, JP
[72] TSUNENARI, TOSHIAKI, JP
[72] ISHIGURO, TAKAHIRO, JP
[72] ENDO, MIKA, JP
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[54] **DISPOSITIF DE COMMANDE HYDRAULIQUE DE FREIN DE VEHICULE**
[72] TOYODA, MASAHIRO, JP
[72] YAMAKAWA, TERUYOSHI, JP
[71] NISSIN KOGYO CO., LTD., JP
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[54] **DISPOSITIF DE COMMANDE HYDRAULIQUE DE FREIN DE VEHICULE**
[72] SONOKI, TARO, JP
[71] NISSIN KOGYO CO., LTD., JP
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[54] **PROCEDE DE PREPARATION D'UN EN-CAS PROTEIQUE STABLE AU STOCKAGE**
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[54] **DISPOSITIFS ET PROCEDES POUR UNE VIDEO A PLAGE DYNAMIQUE ELEVEE**
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[54] **PROCEDE ET APPAREIL DESTINES A UNE SYNTHESE D'OUVERTURE DE CAPTEUR MAGNETIQUE AU MOYEN DE LA MESURE TRANSITOIRE DE TEMPS DE COURANTS DE FOUCAULT POUR APPLICATIONS DE FOND**
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[72] YANG, QINSHAN, US
[72] ZHAO, JINSONG, US
[71] GOWELL INTERNATIONAL, LLC, US
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[54] **SYSTEMS AND METHODS FOR HDR VIDEO CAPTURE WITH A MOBILE DEVICE**
[54] **SYSTEMES ET PROCEDES DE CAPTURE DE VIDEO A GRANDE GAMME DYNAMIQUE A L'AIDE D'UN DISPOSITIF MOBILE**
[72] KISER, WILLIE C., US
[72] TOCCI, NORA, US
[72] TOCCI, MICHAEL D., US
[71] CONTRAST OPTICAL DESIGN & ENGINEERING, INC., US
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[54] **PROTECTION DE DONNEES PERSONNELLES CONTENUES SUR UN DISPOSITIF ACTIVE PAR RFID**
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[71] CAREY, JAMES, US
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[72] RUBIN, BRUCE, US
[71] BIONIC THUMB TOOLS, LLC, US
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[54] **SYSTEME DE PREDICTION ET DE SUIVI DE VOL**
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[71] CAREY, JAMES, US
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[54] **SYSTEMES ET PROCEDES D'ENSACHAGE AUTOMATIQUE DE COLIS**
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[72] DICKERSON, HOMER L., US
[71] SIEMENS INDUSTRY, INC., US
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[54] **ENCAPSULATION DE PEROXYDES POUR APPLICATIONS CUTANEES**
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[72] SALVADOR, TOMAS, US
[72] KOZEL, THOMAS H., US
[71] ARKEMA INC., US
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[54] **COMPOSITION COMPRENANT UN ADHESIF EPOXYDE ET DES PAILLETTES D'ALUMINIUM ET SON PROCEDE DE PREPARATION**
[72] SCHLECHTE, JAY S., US
[72] NOSBUSCH, PEYTON R., US
[72] STOUT, GEORGE M., US
[72] KROPP, MICHAEL A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **UTILISATION DE POLYELECTROLYTES POUR LA DECONTAMINATION DE SOLIDES DE SEPARATION DE CHAMP DE PETROLE**
[72] EMIGH, CHAD, CA
[72] RALPH, CORBIN, CA
[72] GODFREY, MARTIN R., US
[72] MILLER, THOMAS M., US
[72] KEIZER, TIMOTHY S., US
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[71] ECOLAB USA INC., US
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[54] **METHOD OF OPERATING AN ELECTRICAL FEEDER**
[54] **PROCEDE DE FONCTIONNEMENT D'UNE ALIMENTATION ELECTRIQUE**
[72] ZHAO, DONGBO, US
[72] WANG, YIGANG, US
[72] PATIL, CHINMAYA BABURAO, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **METHOD OF ASSESSING PROPER OPERATION OF VOLTAGE CONTROL DEVICE**
[54] **PROCEDE POUR EVALUER UN FONCTIONNEMENT CORRECT D'UN DISPOSITIF DE COMMANDE DE TENSION**
[72] ZHAO, DONGBO, US
[72] WANG, YIGANG, US
[72] PATIL, CHINMAYA BABURAO, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[72] GUADAGNOLI, LUCIAN MICHAEL, US
[72] STEINFELS, CRAIG R., US
[72] LEE, DUSTIN MICHAEL, US
[72] BAUMAN, DALE E., US
[72] COURTEMANCHE, THOMAS H., US
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[72] NOVAK, MICHAEL G., US
[72] ROSENOW, CHARLES J., US
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[54] **CULTURE, PRODUCTION, TRAITEMENT ET UTILISATION DE CANNABIS DE SPECIALITE**
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[71] BIOTECH INSTITUTE, LLC, US
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[54] **POMPE A PALETTES AYANT DE MULTIPLES CHAMBRES DE COMMANDE**
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[72] TANASUCA, CEZAR, CA
[71] MAGNA POWERTRAIN INC., CA
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[71] FACEBOOK, INC., US
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[72] ANTHONY, LARRY CAMERON, US
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[54] **METHODES, APPAREIL ET ARTICLES DE FABRICATION POUR DETERMINER LE RANG DE L'INFLUENCE D'UN SITE WEB**
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[54] **MOYEN ET METHODES PERMETTANT D'INFLUENCER LA STABILITE DE CELLULES PRODUISANT DES ANTICORPS**
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[72] SCHEEREN, FERENC ALEXANDER, NL
[72] BEAUMONT, TIM, NL
[72] DIEHL, SEAN ANDREW, NL
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[54] **APPAREILS DE PULVERISATION, UTILISATIONS DE LA TERRE DE DIATOMEE ET PROCEDES DE LUTTE CONTRE DES POPULATIONS D'INSECTES**
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[51] **Int.Cl. G06F 17/00 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **CONCURRENTLY UPLOADING MULTIMEDIA OBJECTS AND ASSOCIATING METADATA WITH THE MULTIMEDIA OBJECTS**
[54] **TELECHARGEMENT D'OBJETS MULTIMEDIAS ET ASSOCIATION DE METADONNEES A CES OBJETS MULTIMEDIAS EN PARALLELE**
[72] TSENG, ERICK, US
[71] FACEBOOK, INC., US
[22] 2012-06-06
[41] 2012-12-27
[62] 2,839,252
[30] US (13/168,076) 2011-06-24

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[21] **3,016,057**
[13] A1
[51] **Int.Cl. C07C 323/25 (2006.01)**
[25] EN
[54] **METHOD FOR THE PREPARATION OF (3S,3S') 4,4'-DISULFANEDIYLBIS (3-AMINOBUTANE 1-SULFONIC ACID)**
[54] **PROCEDE DE PREPARATION DE (3S,3S')-4,4'-DISULFANEDIYLBIS(ACIDE 3-AMINOBUTANE-1-SULFONIQUE)**
[72] BALAVOINE, FABRICE, FR
[72] MADEC, JONATHAN, FR
[72] SCHNEIDER, JEAN-MARIE, FR
[72] COQUEREL, GERARD, FR
[72] COUVRAT, NICOLAS, FR
[72] CARTIGNY, YOHANN, FR
[72] PETIT, MARIE-NOELLE, FR
[71] QUANTUM GENOMICS, FR
[22] 2011-10-07
[41] 2012-04-12
[62] 2,813,834
[30] EP (10306099.2) 2010-10-07

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DAROS, ROBERT, JR. 3,016,079
DASIKA, JAYA DEEPTI 3,016,234
DATTA, GOPAL KRISHNA 3,015,934
DAVIDSON, BEVERLY L. 3,016,314
DAVIS, BENJAMIN M. 3,015,874
DAVIS, BENJAMIN M. 3,015,885
DAVIS, ROBERT 3,015,951
DAYON, LOIC 3,016,107
DE BOLLE, MIGUEL FRANCESCO COLETA 3,016,118
DE BUCK, STEFAN 3,016,368
DE LA NUEZ, JOSHUA R. 3,016,127
DE LA NUEZ, NELSON R. 3,016,127

DE LA RUE INTERNATIONAL LIMITED 3,015,732
DE LUCA, VINCENZO 3,016,339
DE RATULD, AURELIE 3,015,935
DECITEX 3,015,949
DEJESUS, REYNALDA KEH 3,016,341
DELAUSE, BERNARD 3,015,940
DELIEUTRAZ, NICOLAS 3,016,359
DELLACA, THOMAS ANTHONY 3,016,156
DELLEY, YANN 3,016,359
DEMPSEY, JAMES F. 3,016,026
DENA, SINA 3,015,929
DENG, LIANG 3,015,818
DENTAL WINGS INC. 3,016,266
DEPUY SYNTHES PRODUCTS, INC. 3,016,318
DESERTOT, DIDIER 3,015,940
DESHPANDE, SACHIN G. 3,015,747
DESHPANDE, SACHIN G. 3,015,749
DETKE, MICHAEL 3,016,335
DEWIT, MATTHEW 3,015,848
DI PRIMO, CARMELO 3,015,711
DIAMOND INNOVATIONS, INC. 3,016,183
DIAZ, OLIVER CRESPO 3,016,176
DICKERSON, HOMER L. 3,016,435
DICKHANS, WILLIAM J. 3,015,982
DIELS, GASTON STANISLAS MARCELLA 3,016,096
DIMITROV, VENTSISLAV 3,015,970
DIMONDO, DOMENIC 3,015,859
DING, FA-XIANG 3,016,341
DIRX, LIEVEN 3,016,115
DLUZNESKI, PETER R. 3,016,436
DODDS, DAVID R. 3,016,307
DOELMAN, TIMONTY PETER 3,016,174
DOGRU, ALI H. 3,015,833
DONALDSON COMPANY, INC. 3,015,979
DONCEL, GUSTAVO F. 3,015,781
DORSEY, FREDERICK 3,016,416
DOW AGROSCIENCES LCC 3,016,013
DOWNHOLE RENTAL TOOLS, LLC 3,016,200
DRANOFF, GLENN 3,016,287
DREHER, MATTHEW R. 3,016,293
DROR ORTHO DESIGN LTD (AERODENTIS) 3,016,375
DRUGA, MICHAEL CONLEY 3,016,414
DRUMMOND, DARYL C. 3,016,333
DRUMMOND, DARYL C. 3,016,383
DRUZ, ALIAKSANDR 3,015,570
DS SMITH PACKAGING FRANCE 3,015,940
DUB, ALEKSEY VLADIMIROVICH 3,015,784
DUBBERLEY, STUART 3,015,848
DUBRIDGE, ROBERT B. 3,016,165
DUC, DOAN-NGOC 3,016,277
DUKE UNIVERSITY 3,016,327
DUKE UNIVERSITY 3,016,352
DUKE, DAVID L. 3,016,144
DUKE, DAVID L. 3,016,149
DUKE, DAVID L. 3,016,158
DUNDIGAL, SREEKER 3,016,016
DUNSTAN, BRETT 3,015,715
DUTREIX, MARIE 3,016,355
DWIVEDI, RAJIV KUMAR 3,016,367
EARLY, STEPHEN JOSEPH 3,016,009
EARLY, STEPHEN JOSEPH 3,016,010
EASTERN VIRGINIA MEDICAL SCHOOL 3,015,781
EATON INTELLIGENT POWER LIMITED 3,016,439
EATON INTELLIGENT POWER LIMITED 3,016,440
EBARA, MITSUHIRO 3,016,391
EBERT, SOPHIA 3,015,733
EBERT, SOPHIA 3,015,736
ECHOLS III, RALPH HARVEY 3,015,880
ECKHARDT, ALLEN E. 3,016,221
ECOLAB USA INC. 3,016,025
ECOLAB USA INC. 3,016,438
ECOSPRAY TECHNOLOGIES S.R.L. 3,015,957
EDARA, KIRAN 3,016,072
EDITAS MEDICINE, INC. 3,016,331
EDWARDS, CHRISTINE 3,015,931
EDWARDS, STEPHEN 3,015,772
EDWARDS, STEPHEN 3,015,774
EGAWA, TORU 3,016,404
EIDAMSHAUS, CHRISTIAN 3,015,733
EIDAMSHAUS, CHRISTIAN 3,015,736
EKSTROM, JESPER 3,016,291
EL BKASSINY, SANDY 3,016,185
ELBE VALLEY MEDICAL LTD. 3,015,855
ELLIOT, DUSTIN D. 3,016,017
ELTERMAN, JAMES J. 3,015,829
EMBERA NEUROTHERAPEUTICS, INC. 3,016,335
EMERGING VIRAL THERAPEUTICS (HK) LIMITED 3,016,119
EMIGH, CHAD 3,016,438
EMPLICURE AB 3,016,205
EMPLICURE AB 3,016,215
ENDO, MIKA 3,016,424
ENDURALOCK, LLC 3,015,992
ENG, HANS PETTER 3,016,225
ENGEL, SAMUEL S. 3,016,358
ENGIE 3,015,943
ENGLE-GOODNER, RENEE 3,015,662
ENGQVIST, HAKAN 3,016,205
ENGQVIST, HAKAN 3,016,215
ENJAY AB 3,016,417
ENK, DIETMAR 3,016,247
ERDELYI, CHRISTIAN 3,016,090
ERIKSEN, KIM LUNDGREN 3,016,422
ERNST, HENNING 3,015,924
ERVIN, GREGORY F. 3,016,039
ESCULON, LLC 3,016,065
ESQUEN, JORGE 3,016,267
ETAT FRANCAIS REPRESENTE PAR LE DELEGUE GENERAL POUR L'ARMEMENT 3,016,264
EVANS, ERIC ANDREW 3,016,077
EVANS, OWEN 3,016,019
EVANS, ROBERT W. 3,015,769
EVERLY, MARK 3,016,152
EVERLY, MARK 3,016,319
EVERLY, MARK D. 3,016,181
EVERLY, MARK D. 3,016,328
EVNIN, LUKE 3,016,165
EVOLUTION WELL SERVICES, LLC 3,016,070
EVONIK DEGUSSA GMBH 3,015,884
EXA CORPORATION 3,016,000
F. HOFFMANN-LA ROCHE AG 3,016,144
F. HOFFMANN-LA ROCHE AG 3,016,149
F.HOFFMANN-LA ROCHE AG 3,016,158
FAIRLIFE, LLC 3,016,174
FAIVELEY TRANSPORT AMIENS 3,015,544
FAIVELEY TRANSPORT AMIENS 3,015,704
FAIVELEY TRANSPORT AMIENS 3,015,705
FAN, HONG 3,016,072
FAN, YIJING 3,015,993
FAN, ZHIFEI 3,016,199
FANG, ZHENG 3,015,910
FARACE, GIOSI 3,016,163
FARRELL, COLM 3,016,368
FATTAL, DAVID A. 3,016,413
FAUCHER, GATIEN 3,016,093
FCA US LLC 3,015,673
FEDERAL-MOGUL MOTORPARTS LLC 3,015,829
FEDOSOVSKY, MIKHAIL EVGENIEVICH 3,015,877
FERLIS, ROBERT A. 3,016,014
FESIK, STEPHEN W. 3,016,182
FILOSI, ANDREAS 3,015,928
FINK, SHAWN 3,015,439
FINN, MICHAEL VINCENT 3,016,216
FISCHL, TOBIAS 3,015,796
FKD THERAPIES LIMITED 3,014,759
FLAGSHIP BRANDS, LLC 3,016,089
FLEXSYS, INC. 3,016,039
FLORE, JENS 3,016,280
FLUIDIC, INC. 3,015,524
FLYBY S.R.L. 3,016,283
FMC CORPORATION 3,015,881
FOK, MANSON 3,016,119
FORNETIX LLC 3,015,772
FORNETIX LLC 3,015,774
FORNETIX LLC 3,015,778
FORNY, LAURENT 3,016,100
FOSAAEN, KEN ERVIN 3,016,157
FOSAAEN, KEN ERVIN 3,016,160
FOUGEROUSE, DAMIEN 3,016,093
FOUNDATION MEDICINE, INC. 3,015,913
FOY, MICHAEL BRYDON 3,016,017
FRAMPTON, GARRETT MICHAEL 3,015,913
FRANCO PUNTES, VICTOR 3,016,012
FRANK'S INTERNATIONAL, LLC 3,016,241

FRANK, ZACHARIAS JOHANNES 3,015,990
FRANKENBACH, GAYLE MARIE 3,015,736
FREEMAN, BRUCE A. 3,016,180
FRENCH, JOHN TIMOTHY 3,015,777
FRIESEN, CODY 3,015,524
FRIESEN, GRANT 3,015,439
FRIESEN, GRANT 3,015,524
FRITSCHE, JENS 3,015,932
FU, DEJING 3,016,416
FUJIFILM CORPORATION 3,016,020
FUJIHARA, NOBUTOSHI 3,016,396
FUJII, TAKAHIRO 3,016,281
FUJII, TERUYA 3,015,870
FUJITA, YUZO 3,016,198
FUKUI, YASUSHI 3,016,281
FUNDACIO HOSPITAL UNIVERSITARI VALL D'HEBRON-INSTITUT DE RECERCA 3,016,012
FUNDACIO INSTITUT DE BIOENGINYERIA DE CATALUNYA 3,016,012
FUNDACION PUBLICA ANDALUZA PROGRESO Y SALUD 3,015,577
FUNG, GREGORY W. 3,015,804
FURU-SZEKELY, ZOLTAN KALMAN 3,015,992
FURUTA, TETSURO 3,015,743
FUSION GENOMICS CORPORATION 3,016,222
FUSTIER, PATRICK 3,015,846
FYFE, MATTHEW COLIN THOR 3,015,978
G3C TECHNOLOGIES CORPORATION 3,015,887
GABELLIERI, EMANUELE 3,015,947
GABRIEL, JOSEPH M. 3,015,980
GAGARE, PRAVIN 3,016,191
GAI, SHUN 3,016,172
GAITHER, HUGH 3,016,089
GAITHER, JOHN 3,016,089
GAL, IDO 3,015,760
GALAPAGOS NV 3,016,185
GALAPAGOS NV 3,016,303
GALATI, SHEILAH MELISSA 3,016,102
GALEA, ANNA M. 3,015,876
GALECTIN SCIENCES, LLC 3,016,343
GAMBLE, KRISTIAN DIOR 3,016,423
GAMBLE, THOMAS 3,015,830
GAMBLE, THOMAS 3,015,831
GAO, FENGCHUAN 3,015,724
GAO, YANGBIN 3,016,221
GARBER, JEFFREY 3,015,817
GARCIA, CHRISTY 3,016,169
GARCIA-PEREZ, FERNANDO 3,015,954
GARDNER, GARY C. 3,015,778
GATHALA, SUDHA ANIL KUMAR 3,016,005
GATTINGER, JOHANNES 3,016,249
GAUTHIER, BENOIT 3,015,577
GAVALDA SANTAPAU, JOAN 3,016,012
GAVRILIN, VIKTOR ALEKSEEVICH 3,015,793
GAVRILIN, VIKTOR ALEKSEEVICH 3,016,128
GAVRILOVIC, MINYA 3,015,843
GE ENERGY OILFIELD TECHNOLOGY, INC. 3,016,027
GEE, AMANDA K. W. 3,016,308
GEILLERSDORFER, INGO 3,015,853
GEITNER, WERNER 3,015,853
GENAW, JOEL DEAN, JR. 3,016,125
GENERATION OF CHANGE B.V. 3,015,739
GEODYNAMICS, INC. 3,015,514
GEORGE, RYAN 3,016,343
GEORGIEV, IVELIN STEFANOV 3,015,570
GERGELY, PETER 3,015,755
GEWEHR, MARKUS 3,015,744
GEYER, TODD A. 3,015,907
GIL, AMIT 3,015,837
GILARDONE, MARINE 3,016,086
GILARDONE, MARINE 3,016,094
GILEAD SCIENCES, INC. 3,016,081
GILISSEN, RONALDUS ARNODUS HENDRIKA JOSEPH 3,016,096
GILLESPIE, GARRY 3,015,690
GILLIS, ERIC P. 3,016,024
GINGRAS, DAVID 3,015,842
GINGRAS, DAVID 3,015,844
GINGRAS, DAVID 3,015,850
GIRARD, SYLVIE 3,016,277
GIRARDIN, PASCAL 3,016,264
GITANO-BRIGGS, HORIZON WALKER 3,016,157
GLAESEMANN, WILLIAM E. 3,015,980
GLASSHOUSE PHARMACEUTICALS LIMITED CANADA 3,016,228
GLAXOSMITHKLINE BIOLOGICALS S.A. 3,015,974
GLEDHILL, ANDREW 3,016,183
GLENNY, MARK WILLIAM 3,015,990
GLIMCHER, LAURIE H. 3,016,161
GLIMCHER, LAURIE H. 3,016,196
GLOFF, CAROL 3,016,335
GODFREY, MARTIN R. 3,016,438
GODINEZ, JAVIER 3,016,310
GOEBEL, MICHAEL 3,015,945
GOEBEL, MICHAEL 3,016,378
GOELET, JOHN 3,015,520
GOLD, WILLIAM J. 3,016,271
GOLOGORSKY, STEVEN 3,016,079
GOMEZ-TORREGROSA, ROBERTO 3,016,202
GONCALVES, CLAUDINO 3,015,544
GONCALVES, CLAUDINO 3,015,704
GONCALVES, CLAUDINO 3,015,705
GOODE, PHILLIP MARK RYALL 3,016,090
GOODENOUGH, ANGELA 3,016,187
GOODING, JUSTIN 3,016,204
GOODWIN, BILL 3,016,009
GOODWIN, BILL 3,016,010
GOOGLE LLC 3,016,418
GORINTIN, LOUIS 3,015,943
GOROKHOV, ALEXEI YURIEVITCH 3,016,155
GOULD, GEORGE 3,016,019
GOWELL INTERNATIONAL, LLC 3,016,430
GR AND KA GILLESPIE PTY LTD 3,015,690
GRAEDLER, ULRICH 3,016,086
GRAEDLER, ULRICH 3,016,087
GRAEDLER, ULRICH 3,016,094
GRAHAM, ALEXANDER D. 3,015,962
GRAHAM, ALEXANDER D. 3,015,963
GRAHAM, BARNEY 3,015,570
GRANT, ALEXANDER JAMES 3,016,332
GRANT-YOUNG, KATHARINE A. 3,016,024
GRECO, STEVEN 3,016,318
GREE ELECTRIC APPLIANCES, INC.OF ZHUHAI 3,016,112
GREENE, JOHN E. 3,016,334
GREENMANTRA RECYCLING TECHNOLOGIES LTD. 3,015,859
GREFENSTEIN, ACHIM 3,015,853
GREMBECKA, JOLANTA 3,015,845
GREMBECKA, JOLANTA 3,015,847
GRIEME, TIMOTHY A. 3,016,303
GRIFFITH, TOM 3,015,866
GRIFFITHS, REBEKAH JANE 3,016,367
GROS, ROBERT 3,016,101
GROTE, LUDGER 3,016,110
GROZ-BECKERT KG 3,015,937
GU, SUMIN 3,015,839
GU, ZHEN 3,016,313
GUADAGNOLI, LUCIAN MICHAEL 3,016,444
GUBERMAN, FELIX 3,016,083
GUENOT, JEANMARIE 3,016,165
GUICHERIT, ERIC 3,016,362
GUILLEMONT, JEROME EMILE GOERGES 3,016,068
GUILLER, ISABELLE 3,015,935
GUILLET, JULIEN 3,015,943
GUNTHER, JUDITH 3,016,364
GUO, HUIHUI 3,016,172
GUO, YAN 3,016,341
GUO, ZIXIANG 3,016,172
GUPTA, RAJARSHI 3,016,005
GURLEY, JOHN 3,015,960
GURUSWAMY, MURUGESAN 3,016,073
GUSTAFSON, MICHAEL J. 3,015,979
GUTOWSKI, KEITH E. 3,016,373
GUY, HANOCH 3,016,387
GWOZDZ, GARRY 3,016,309
HA, JOO-YOUNG 3,016,304
HABOUZIT, CHLOE 3,016,179
HAGER, JORG 3,016,107
HAGER, JORG 3,016,154
HALEY, DAVID VICTOR LAWRIE 3,016,332
HALL, ASHLEY 3,016,405

HALL, PETER 3,015,931
HALLADIN, JORG 3,016,379
HALLIBURTON ENERGY SERVICES, INC. 3,015,871
HALLIBURTON ENERGY SERVICES, INC. 3,015,988
HALLIBURTON ENERGY SERVICES, INC. 3,015,993
HALLIBURTON ENERGY SERVICES, INC. 3,015,995
HALLIBURTON ENERGY SERVICES, INC. 3,016,231
HALLIBURTON ENERGY SERVICES, INC. 3,016,234
HALLIBURTON ENERGY SERVICES,INC. 3,015,880
HALLIBURTON, JAMES 3,015,442
HALTER, STEVEN JOHN 3,015,929
HAMAMOTO, SAE 3,015,966
HAN, JEONG SU 3,016,304
HANCOCK, CHRISTOPHER PAUL 3,016,151
HANCOCK, CHRISTOPHER PAUL 3,016,162
HANGZHOU DAC BIOTECH CO., LTD 3,016,172
HANLEY, PATRICK S. 3,016,013
HANSON, DEVON ERICK 3,015,848
HANSON, HERBERT KENNETH, III 3,016,075
HAQUE, IMRAN SAEEDUL 3,016,077
HARADA, HIDEO 3,016,409
HARDER, DAVID B. 3,015,979
HARDESTY, JOHN T. 3,015,514
HARP, TYLER, LEE 3,016,362
HARRIS RESEARCH, INC. 3,016,175
HARRIS, MICHAEL J. 3,016,153
HARRISES, CHRISTOPHER M. 3,014,189
HARRISON, ROBERT 3,015,664
HART, CHRISTOPHER PATRICK 3,016,209
HARTLE, STEFAN 3,016,098
HARTMETALL-WERKZEUGFABRIK PAUL HORN GMBH 3,015,925
HARWANEGG, CHRISTIAN 3,016,250
HASEGAWA, KOJI 3,016,278
HASHIMOTO, TAKAFUMI 3,016,297
HATANAKA, HIROAKI 3,015,868
HATCHER, SANDRA V. 3,016,187
HAUBNER, MICHAEL 3,016,345
HAUG, PATRICK 3,016,382
HAUGEN, OYVIND 3,015,758
HAVERMAN, YURI 3,016,176
HAWKER, DUSTIN D. 3,016,373
HAWKINS, MICHAEL JOHN 3,015,702
HAYES, JOEL 3,015,439
HAYES, JOEL 3,015,524
HAYES, MICHAEL PATRICK 3,015,733
HAYES, MICHAEL PATRICK 3,015,736
HAYNES, BARTON F. 3,016,327
HAYNES, BARTON F. 3,016,352
HBC HOLDING COMPANY, LLC 3,016,414
HEALEY, RICHARD 3,016,318
HEDNER, JAN 3,016,110
HEDRICK, MICHAEL NATHAN 3,016,187
HEGURI, SHIN-ICHI 3,016,390
HEGURI, SHIN-ICHI 3,016,415
HEISKANEN, ISTO 3,016,116
HEISKANEN, ISTO 3,016,377
HEISTAD, CHRISTOPHER 3,016,367
HEMBROUGH, TODD 3,016,340
HENDRY, FNU 3,015,942
HENKE, KARIE MARIE 3,015,733
HENKE, KARIE MARIE 3,015,736
HENNESSY, RUKYAH 3,016,363
HENNING, KARLA A. 3,016,187
HENRY COMPANY, LLC 3,015,669
HENRY, RAYMOND C., JR. 3,015,751
HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES 3,016,349
HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA 3,016,371
HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF AGRICULTURE AND AGRI-FOOD 3,015,846
HERENDEEN, CORY 3,016,069
HEROUT, BENJAMIN 3,016,269
HERR, ROBERT JASON 3,015,702
HESS, HAROLD 3,015,992
HESSE, TIM 3,016,382
HEXAGON TECHNOLOGY AS 3,015,980
HEYDEL, CHRISTOPHE SEBASTIEN PAUL 3,016,147
HIETANIEMI, MATTI 3,015,722
HIGBEE, JARED MARTIN 3,015,660
HIGH, DONALD R. 3,016,145
HILDRETH, EVAN ROBERT 3,015,508
HILT, EDWARD J. 3,016,187
HINDRICHS, PAUL J. 3,015,902
HINSHAW, GLEN D. 3,016,312
HINZEN, MARCUS 3,015,937
HIRATA, YUICHI 3,015,961
HISATOMI, RIE 3,015,964
HISHIDA, HIROYUKI 3,015,878
HOBSON, DAVID M. 3,016,139
HOCKENHULL, TRACY 3,015,992
HOFFMANN, VINCENT 3,016,268
HOLEVA, KENNETH T. 3,016,347
HOLT, JOHN 3,016,419
HOLT, MARK 3,016,419
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HOME DEPOT INTERNATIONAL, INC. 3,015,830
HOME DEPOT INTERNATIONAL, INC. 3,015,831
HOMMA, TSUYOSHI 3,015,964
HONDA MOTOR CO., LTD. 3,015,961
HOOSEIN, MEHZABEEN 3,016,216
HOPKINS, RYAN R. 3,015,999
HORSTING, INGO 3,015,720
HOTCHKISS, ADAM 3,016,073
HRABER, PETER T. 3,016,327
HRABER, PETER T. 3,016,352
HSU, APRIL 3,016,206
HSU, JER-YUAN 3,015,660
HU, XIAOLAN 3,015,753
HU, XIAOLAN 3,015,757
HUANG, HAICHUN 3,016,187
HUANG, RICHARD Y. 3,016,187
HUANG, RUKANG 3,015,906
HUANG, XIANHAI 3,016,341
HUANG, YUANYUAN 3,016,172
HUBBELL INCORPORATED 3,016,168
HUBER, KLAUS 3,016,270
HUCHIN, PATRICK EMILIEN PAUL EMILE 3,015,707
HUGHES, JOSHUA 3,015,523
HUGHES, ROBIN W. 3,016,349
HUND, RENE 3,016,093
HUNG, IVAN 3,016,119
HUNTLEIGH TECHNOLOGY LIMITED 3,016,156
HUSQVARNA AB 3,016,356
HYDE, AIDAN 3,015,889
HYLA, INC. 3,016,367
IANNUZZI, MARIANO 3,016,238
IBA GMBH 3,016,411
IDEXX LABORATORIES, INC. 3,016,163
IGAWA, TOMOYUKI 3,016,301
IGNACIO, ANTHONY 3,016,209
IHI CORPORATION 3,015,868
IHI CORPORATION 3,015,878
IKUTANI, RYUMA 3,016,409
IL. MAS S.R.L. 3,015,748
ILLUMINA, INC. 3,016,221
IMAI, CHIFUMI 3,016,301
IMANAKA, HOTAKA 3,016,398
IMFLUX INC. 3,016,075
IMMATICS BIOTECHNOLOGIES GMBH 3,015,932
IMMATICS BIOTECHNOLOGIES GMBH 3,016,410
IMRAN, MIR 3,016,033
INAGAKI, KOICHI 3,015,868
INAGAKI, KOICHI 3,015,878
INCUBE LABS, LLC 3,016,033
INDUSTRIE ROLLI ALIMENTARI S.P.A. 3,016,134
INGLIS, PETER DEREK WALTER 3,015,880
INNOVATIVE BUILDING TECHNOLOGIES, LLC 3,015,809
INNOVATIVE BUILDING TECHNOLOGIES, LLC 3,015,811
INNOVATIVE BUILDING TECHNOLOGIES, LLC 3,015,813
INNOVATIVE BUILDING TECHNOLOGIES, LLC 3,015,815

INSADOWSKI, MARIAN BOGUSLAW 3,015,875
INSERM (INSTITUT DE LA SANTE ET DE LA RECHERCHE MEDICALE) 3,015,711
INSTITUCIO CATALANA DE RECERCA / ESTUDIS AVANCATS 3,016,012
INSTITUT CURIE 3,016,355
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE 3,016,355
INTELLIGENT MATERIAL SOLUTIONS, INC. 3,016,014
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INTINTOLI, ALFRED J. 3,016,336
INTRA-CELLULAR THERAPIES, INC. 3,016,353
INTUIT INC. 3,016,310
IPQ PTY LTD 3,016,224
IRIDIA, INC. 3,016,037
IRINCHEEVA, IRINA 3,016,107
IRLBACHER, HORST 3,016,369
IRVIN, DAVID J. 3,016,132
ISCAR LTD. 3,016,387
ISHIBASHI, NOBUCHIKA 3,016,409
ISHIGURO, TAKAHIRO 3,016,424
ISHII, KAZUYA 3,016,302
ISHIKAWA, EMIKO 3,016,396
ISHIMOTO, SHINTARO 3,016,007
ISHIMOTO, SHINTARO 3,016,011
ISHIMOTO, SHINTARO 3,016,284
ISHIMOTO, SHINTARO 3,016,285
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ISLAM, MUHAMMAD NAZMUL 3,016,155
ITZLER, ROY J. 3,016,168
IVANOV, DANIIL VITALYEVICH 3,015,877
JAASKELAINEN, MIKKO 3,016,231
JACOBS, STEPHEN 3,015,830
JACOBS, STEPHEN 3,015,831
JALILIZEINALI, REZA 3,016,016
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LAMARRE, MAXIME 3,015,850
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LEDWITH, BRIAN 3,015,885
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LEE, JI-YOUNG 3,016,304
LEE, KUNIK 3,016,014
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LEIPNER, JOERG 3,016,362
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LILLY, BRETT 3,016,365
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LIN, SHU-YU 3,015,914
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LING, KENNETH 3,016,207
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LIU, BO 3,016,303
LIU, FUPING 3,016,092
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LIU, HONGMING 3,016,112
LIU, HUAN 3,015,724
LIU, LEI 3,016,092
LIU, WEIGUO 3,016,341
LIU, XINGHUA 3,016,085
LLOP, DANIEL R. 3,015,689
LLOP, DANIEL R. 3,015,801
LO, JIA-HSUAN 3,016,039
LOCI CONTROLS, INC. 3,016,023
LOCKE, CHRISTOPHER BRIAN 3,015,997
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LOTHE, SUDHIR P. 3,015,909
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LU, SHAO-CHUN 3,016,330
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LUDOLPH, BJOERN 3,015,733
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MAGIC LEAP, INC. 3,016,189
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MARTINSEN, PREBEN N. 3,015,983
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MCFARLAND, WILLIAM 3,016,073
MCHALE, BRIAN G. 3,016,145
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MERCK PATENT GMBH 3,016,087
MERCK PATENT GMBH 3,016,094
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MERCK SHARP & DOHME CORP. 3,016,358
MEREO BIOPHARMA 1 LIMITED 3,016,368
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MERRIMACK PHARMACEUTICALS, INC. 3,016,333
MERRIMACK PHARMACEUTICALS, INC. 3,016,383
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MEYER INTELLECTUAL PROPERTIES LIMITED 3,015,698
MEYER INTELLECTUAL PROPERTIES LIMITED 3,016,142
MEYER INTELLECTUAL PROPERTIES LIMITED 3,016,254
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MILIJASEVIC, ZORAN 3,016,209
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MILLER, MICHAEL MATTHEW 3,016,024
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MILLER, REGAN CHARLES 3,016,216
MILLER, THOMAS M. 3,016,438
MILZ, CHRISTOPH 3,015,698
MINALYZE AB 3,016,136
MINAMOTO, NAOYA 3,015,873
MINOR, BARBARA HAVILAND 3,015,523
MINOTTI, PATRICE 3,016,264
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MITSUBISHI ELECTRIC CORPORATION 3,016,278
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MIYAMOTO, KAZUAKI 3,015,872
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MORIOKA, KOTARO 3,015,878
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MORMUL, VERENA 3,015,927
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MORRIS, JAMES ALAN 3,016,120
MORRIS, JAMES ALAN 3,016,123
MORRIS, JAMES ALAN 3,016,207
MORRIS, JEFFREY G. 3,016,070
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MORRIS, MELLONEY 3,016,123
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MOTION COMPOSITES INC 3,015,844
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MYERS, SUSAN GALUS 3,015,907
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NAGAI, YUKIE 3,015,878
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NAIR, SATISH G. 3,016,367
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NAKAMURA, TAKESHI 3,015,878
NAKANO, TADASHI 3,015,862
NAMMO TALLEY, INC. 3,016,009
NAMMO TALLEY, INC. 3,016,010
NANT HOLDINGS IP, LLC 3,016,389
NANTCELL, INC. 3,016,389
NANTENERGY, INC. 3,015,439
NANTOMICS, LLC 3,016,340
NARINE, ARUN 3,015,934
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NASH, JAY FRANK 3,015,736
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NATIONAL CANCER CENTER 3,015,981
NATIONAL DENTEX, LLC 3,015,689
NATIONAL DENTEX, LLC 3,015,801
NATIONAL HEALTH RESEARCH INSTITUTES 3,015,914
NATIONAL INSTITUTE FOR MATERIALS SCIENCE 3,016,391
NATIONAL PAYMENTS CORPORATION OF INDIA 3,016,381
NAUGLE, ERIK THOMAS 3,016,310
NEC CORPORATION 3,016,402
NELSON, ADAM 3,016,318
NELSON, TRICIA 3,016,169
NEOGI, ATANU 3,015,911
NEOMED, INC. 3,015,874
NEOMED, INC. 3,015,885
NESTEC S.A. 3,016,095
NESTEC S.A. 3,016,100
NESTEC S.A. 3,016,105
NESTEC S.A. 3,016,107
NESTEC S.A. 3,016,125
NESTEC S.A. 3,016,147
NESTEC S.A. 3,016,154
NESTEC S.A. 3,016,427
NETZER, YOAV 3,015,861
NEWSOUTH INNOVATIONS PTY LIMITED 3,016,204
NG, SHEAU 3,015,749
NG, YUN TING SHERRILYN 3,016,100
NGM BIOPHARMACEUTICALS, INC. 3,015,660
NGM BIOPHARMACEUTICALS, INC. 3,016,035
NGUYEN, HOAN HUU 3,016,028
NGUYEN, PHILIP D. 3,015,995
NGUYEN, THU A. 3,016,197
NIAZI, KAYVAN 3,016,389
NICHOLS, DAVID 3,015,685
NICHOLS, MICHAEL R. 3,016,169
NICHOLSON, JAMES 3,015,962
NIELSEN, FINN 3,015,971
NIKULSHIN, MICHELLE 3,016,310
NILSSON, BENGT-AKE 3,015,718
NILSSON, JAN PETER 3,016,090
NILSSON, TOBIAS 3,016,356
NIPPON FILCON CO., LTD 3,016,404
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,016,288
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,016,290
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,016,295
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,016,296
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,016,302
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 3,016,305
NIPPON ZOKI PHARMACEUTICAL CO., LTD. 3,016,391
NIR, RAPHAEL 3,016,343
NISHIZAWA, SHAW 3,016,301
NISSAN CHEMICAL CORPORATION 3,016,398
NISSAN MOTOR CO., LTD. 3,016,384
NISSAN MOTOR CO., LTD. 3,016,388
NISSEN, STEEN SONDERGAARD 3,015,944
NISSEN, STEEN SONDERGAARD 3,015,946
NISSHIN STEEL CO., LTD. 3,015,862
NISSHIN STEEL CO., LTD. 3,016,281
NISSIN KOGYO CO., LTD. 3,015,967
NISSIN KOGYO CO., LTD. 3,016,425
NISSIN KOGYO CO., LTD. 3,016,426
NOFORM SRL 3,015,867
NOGIWA, KIMIHIRO 3,015,996
NOH, JIN HEE 3,015,981
NORDQVIST, DAVID 3,016,147
NORMAN, TYLER JOSEPH 3,015,871
NORTH CAROLINA STATE UNIVERSITY 3,016,313
NORTHEASTERN UNIVERSITY 3,015,750
NOSBUSCH, PEYTON R. 3,016,437
NOTO, KENKICHI 3,016,398
NOVAKOVA, STOYNA 3,016,171
NOVARTIS AG 3,016,129
NOVARTIS AG 3,016,275
NOVARTIS AG 3,016,282
NOVARTIS AG 3,016,287
NR ELECTRIC CO., LTD 3,015,712
NR ENGINEERING CO., LTD 3,015,712
NUBBEMEYER, REINHARD 3,016,364
NUTRIEN AG SOLUTIONS (CANADA) INC. 3,016,216

NVISION MEDICAL CORPORATION 3,015,921
NVISION MEDICAL CORPORATION 3,016,223
NYCHIS, GEORGE PETER 3,016,229
O'CONNOR, RYAN J. 3,015,950
OAKLEY HOLBERT, SARAH 3,015,876
OBERHANSLI, FRANZ 3,015,920
OBLAK, LUKA 3,015,856
ODAKA, HIDEFUMI 3,015,991
OGAWA, TAKAYUKI 3,016,408
OGAWA, TAKAYUKI 3,016,412
OGILVIE, WILLIAM F. 3,015,902
OH, DANIEL 3,016,405
OH, HSUEH LING JANICE 3,015,938
OHSE, JEREMY 3,016,181
OHTAKE, YUTAKA 3,015,878
OKADA, KIYOSHI 3,016,391
OKAMAWARI, TAKAO 3,015,870
OKAMOTO, AKIO 3,015,872
OKANO, FUMIYOSHI 3,016,298
OLEJNICZAK, EDWARD T. 3,016,182
OLENDER, DUSTIN 3,008,342
OLIVEIRA, JOSE CARLOS 3,016,279
OLOF, SAM 3,015,962
OLOF, SAM 3,015,963
OLSON, DAVID 3,016,277
OMATSU, TOSHIHIRO 3,015,873
OMORI, HIROYUKI 3,015,966
OMYA INTERNATIONAL AG 3,015,727
ON TARGET LABORATORIES, LLC 3,016,191
ONO, TA CHI 3,015,745
ONORAT O, JOSEPH 3,015,948
ONOUE, SATOMI 3,016,326
ONXEO 3,016,355
OXFORD COLIN 3,016,368
OSAKA UNIVERSITY 3,016,391
OSHIMA, MASAHIRO 3,016,302
OT MED ZINTECHNIK GMBH 3,016,249
OTA, YO IEI 3,015,728
OTT, JOS EF 3,015,866
OU, LI 3,015,570
OVENTU
OXFORD S MEDICAL LIMITED 3,016,209
TEC NANOPORE
OXFORD INOLOGIES LIMITED 3,016,240
TEC NANOPORE
OXFORD INOLOGIES LIMITED 3,016,243
TEC NANOPORE
OXFORD INOLOGIES LIMITED 3,016,245
INN UNIVERSITY
OXFORD VATION LIMITED 3,015,955
INN UNIVERSITY
OXFORD VATION LIMITED 3,015,962
INN UNIVERSITY
OZAKI, A VATION LIMITED 3,015,963
OZAKI, Y TSUO 3,015,743
OZAKI, YOSHITOMO 3,016,390
PABST, M OSHITOMO 3,016,415
PACOFSK ANUEL 3,016,345
PAHLE, V Y, GREGORY J. 3,015,702
PAL, DIP WOLFGANG 3,015,796
PALAGIR I RANJAN 3,015,929
I, SATEESH 3,016,381
PALISSE, ADELINE MARIE ELISE 3,016,185
PALLO, NATHAN 3,016,023
PALMER, ANDREW K. 3,015,902
PALMER, BRIAN DESMOND 3,016,068
PALMER, WENDELL 3,016,380
PANCERA, MARIE 3,015,570
PANCHAL, ANAND 3,016,165
PANDE, VINEET 3,016,096
PANDEY, SANTOSH 3,015,883
PANUNCIALMAN, PETER V. 3,016,397
PAONE, MATTHEW PAUL 3,016,102
PAPAC, MICHAEL J. 3,016,129
PARADE, MARCUS CORNELIS BERNARDUS CATHARINA 3,016,096
PARALLEL WIRELESS, INC. 3,015,883
PARIH, AJIT S. 3,015,768
PARK, INSOO 3,015,981
PARK, JONG SUNG 3,016,304
PARK, YONG JONG 3,016,304
PARKER, NIGEL 3,014,759
PARKIN, JACQUELINE 3,016,368
PARTON, CHRISTOPHER 3,015,995
PASTOR SAMPEDRO, PETER 3,016,418
PATEL, SACHIN V. 3,016,303
PATIL, CHINMAYA BABURAO 3,016,439
PATIL, CHINMAYA BABURAO 3,016,440
PATON, MICHAEL 3,016,263
PAULUS, KEVIN 3,015,888
PAYNE, STEPHEN 3,016,071
PAYNTER, CHRIS 3,008,342
PEDERSEN, THOMAS BRORSEN 3,015,703
PEDRO, JUSTIN 3,016,315
PEIKRISHVILI, AKAKI 3,015,887
PEITZKE, WILLIAM R. 3,016,003
PEMBERTON, NILS 3,015,893
PENLAND, JOE, JR. 3,016,135
PENLAND, JOE, JR. 3,016,148
PENLAND, JOE, JR. 3,016,239
PEREZ, ARMANDO, III 3,015,992
PERI GMBH 3,015,731
PERMAVOID LIMITED 3,016,248
PEROT, JEAN-MARC 3,016,266
PERRIMAN, ADAM 3,015,962
PERRY, DAVID 3,015,889
PERRY, MATTHEW 3,015,893
PERSHUKOV, VYACHESLAV ALEKSANDROVICH 3,015,784
PERSISTENT SYSTEMS LLC 3,015,959
PETERSEN, JENS 3,015,893
PETERSEN, JOEL MIKAEL 3,015,684
PETRONE, MARCELLA 3,015,922
PETSCHKE, ANDREAS 3,015,796
PEURANEN, HELENA 3,015,723
PFIZER INC. 3,016,358
PHATAK, SOUMEE 3,015,911
PHILIP MORRIS PRODUCTS S.A. 3,016,252
PHILIP MORRIS PRODUCTS S.A. 3,016,255
PHILIP MORRIS PRODUCTS S.A. 3,016,263
PHILIP MORRIS PRODUCTS S.A. 3,016,274
PHILIP, SABU KURUVILA 3,016,310
PHILLIPS, ROGER WINSTON 3,015,684
PHOENIX TISSUE REPAIR, INC. 3,015,685
PIKE, KURT GORDON 3,015,953
PILLARSETTY, NAGA VARA KISHORE 3,015,663
PIPPIN, JAMES M. 3,016,435
PITIS, PHILIP MICHAEL 3,015,702
PIZARRO, JUAN PABLO 3,016,114
PLAE, INC. 3,015,775
PLUME DESIGN, INC. 3,016,072
PLUME DESIGN, INC. 3,016,073
PODAIMA, JASON EDWARD 3,015,929
POE, GARRETT D. 3,016,132
POLLAK, DAVID 3,015,721
POLLARD, KIM 3,015,763
POLLOCK, JONATHAN 3,015,845
POLLOCK, JONATHAN 3,015,847
POLLOK, ANDRE 3,016,332
POM PATENTVERWALTUNGS GBR 3,015,726
PONNAIAH, RAVI 3,015,768
POPP, KARL 3,015,500
PORSCHKE, KLAUS-RICHARD 3,015,721
POZO PEREZ, DAVID 3,015,577
PPC BROADBAND, INC. 3,016,422
PRADHAN, GAURAV N. 3,015,876
PRADUN, JAMES N. 3,016,319
PRADUN, JAMES N. 3,016,328
PRASAD, M. UMAMAHESHWAR 2,994,130
PREDKI, PAUL 3,016,037
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3,015,817
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3,016,308
PRESTON, RANDY 3,016,065
PRICE, CHRISTIAN 3,016,310
PRICE, DAVID 3,016,139
PRICE, FEODOR D. 3,016,308
PROVISUR TECHNOLOGIES, INC. 3,015,950
PROVISUR TECHNOLOGIES, INC. 3,015,954
PROVOST, ROBIN 3,016,266
PRYOR, GLEN F. 3,015,950
PRYOR, GLEN F. 3,015,954
PULLINS, JAMES C., II 3,016,040
PULSE BIOSCIENCES, INC. 3,015,754
PULSE BIOSCIENCES, INC. 3,015,756
PURAC BIOCHEM BV 3,015,865
PUVVADI, PRAVEEN 3,015,883
QADIR, MOHAMMAD A. 3,016,222
QU, YANG 3,016,339
QUALCOMM INCORPORATED 3,015,508
QUALCOMM INCORPORATED 3,015,516
QUALCOMM INCORPORATED 3,015,837
QUALCOMM INCORPORATED 3,015,851
QUALCOMM INCORPORATED 3,015,900
QUALCOMM INCORPORATED 3,015,929
QUALCOMM INCORPORATED 3,015,939

QUALCOMM INCORPORATED 3,015,942
QUALCOMM INCORPORATED 3,016,005
QUALCOMM INCORPORATED 3,016,016
QUALCOMM INCORPORATED 3,016,028
QUALCOMM INCORPORATED 3,016,029
QUALCOMM INCORPORATED 3,016,155
QUALCOMM INCORPORATED 3,016,199
QUALITY MAT COMPANY 3,016,135
QUALITY MAT COMPANY 3,016,148
QUALITY MAT COMPANY 3,016,239
QUIGLEY, PETER 3,016,023
QUINIOU, CHRISTIANE 3,016,277
QUINN, JOHN JOSEPH 3,016,163
QUINN, ROBERT W. 3,016,267
QUINN, SEAN 3,015,661
QUINN, SEAN 3,016,363
QUINONES-GARCIA, IGOR 3,015,685
QURESHI, SHARIQUE 3,015,883
QWAVE AS 3,016,225
RABIZADEH, SHAHROOZ 3,016,389
RAGAN, WADE A. 3,016,127
RAHY, ABDELAZIZ 3,015,985
RAI STRATEGIC HOLDINGS, INC. 3,015,751
RAJAGOPAL, ARUN 3,015,827
RAJAGOPALAN, SATISH 3,016,234
RAJENDRAN, NARAYANAN 3,016,381
RALPH, CORBIN 3,016,438
RAMAMURTHY, HARI 3,015,830
RAMAMURTHY, HARI 3,015,831
RAMAN, ARUN 3,015,516
RAMBACH JANKOWSKI, ODILE 3,016,362
RAMBUR, BRAD A. 3,016,310
RAMKUMAR, MYIL 3,015,929
RAMPF FORMEN GMBH 3,015,866
RAMSEY, CHRISTOPHER PAUL 3,016,212
RAO, PRASHANTH 3,015,883
RAVIKUMAR, DEEPAK 3,015,661
RAY, NICHOLAS CHARLES 3,016,364
REA.DEEMING BEAUTY, INC. DBA BEAUTYBLENDER 3,015,972
RECOVER ENERGY SERVICES INC. 3,016,380
REDDY, RAM MOHAN 3,016,367
REEVELL, TONY 3,016,252
REIDERS, JULIANNE 3,016,314
REINOSO GARCIA, MARTA 3,015,927
REN, PINGDA 3,015,845
REN, PINGDA 3,015,847
RENASCIENCE CO., LTD. 3,016,121
RENGARAJAN, BALAJI 3,016,072
RENGARAJAN, BALAJI 3,016,073
RESENE PAINTS LIMITED 3,015,990
REUTER, JAMES M. 3,016,184
REYNOLDS, GARETH 3,015,686
REYNOLDS, ROB 3,015,855
RHODE ISLAND HOSPITAL 3,016,210
RIANCHO, NILS 3,015,949
RIBU, VILLE 3,016,116
RICE, SARA 3,016,021
RICH, CHRISTOPHER CHAPMAN 3,015,684
RICHARD, JAMES 3,016,089
RICHARDSON, CHRIS L. 3,016,148
RICHMAN, DINA L. 3,015,881
RICOH COMPANY, LTD. 3,016,326
RIDHA, FIRAS N. 3,016,349
RIKLEEN, LESLIE 3,016,019
RINGHOLZ, RYAN 3,015,775
RIQUELME, MANUEL A. 3,015,839
RISOVANYY, VLADIMIR DMITRIEVICH 3,015,784
RITHENER, BLAISE 3,016,105
RITTER, TOBIAS 3,015,817
RKW SE 3,016,126
RKW SE 3,016,130
ROBAINA, NASTASJA U. 3,014,189
ROBERGE, DOUGLAS MICHAEL 3,015,841
ROBERTSON, SARAH ANNE 3,016,277
ROBINSON, TIMOTHY MARK 3,015,997
ROCHE, DIDIER 3,016,086
ROCHE, DIDIER 3,016,094
RODER, JENS 3,015,945
RODGERS, MATTHEW BLAKE 3,016,125
ROEDER, JENS 3,016,378
ROGERS, DAVID 3,015,831
ROLA, FILIPE 3,016,279
ROLLI, GIAN PAOLO 3,016,134
ROLLINGER, ADRIEN BERNARD VINCENT 3,015,707
ROMERO, CAMBRE ALLEN 3,016,200
ROMERO, CLAYTON ALLEN 3,016,200
ROMERO, DONNA 3,015,702
RONEN, SHACHAR 3,016,375
ROONEY, THOMAS HENRY 3,016,224
ROSS, JOHN E. 3,015,919
ROSS, STAN 3,016,380
ROSS-HOWE, SARA 3,016,315
ROTTMANN, ANTJE 3,016,369
ROULEAU, DANIEL 3,015,701
ROVI GUIDES, INC. 3,016,169
RUAN, WENJIA 3,015,516
RUBENS, HERBERT B. 3,015,959
RUBIN, BRUCE 3,016,433
RUBIN, LEE L. 3,016,308
RUCHET, CHRISTOPHE 3,016,244
RUISI, FABRICE 3,016,268
RUIZ, JUAN RODRIGO CUBILLOS 3,016,161
RUIZ, JUAN RODRIGO CUBILLOS 3,016,196
RUIZ-MARTINEZ, DEBORA 3,016,202
RULKOV, NIKOLAI 3,016,334
RUNDLET, EMILY 3,015,570
RUSAKOV, SERGEY SERGEEVICH 3,015,788
RUSAKOV, SERGEY SERGEEVICH 3,015,789
RUSNAK, JAMES M. 3,016,358
RUTTER, BRYCE G. 3,016,228
RYCHLIK, BOHUSLAV 3,015,929
RYNERSON, MICHAEL 3,016,266
S.P.C.M. SA 3,016,093
SAAVEDRA, PATRICIO HUMBERTO 3,016,213
SABANOV, ELENA 3,015,726
SACK, JOHN S. 3,016,187
SADOULET, VIANNEY 3,016,264
SAEKI, ATSUSHI 3,016,301
SAFETY SEAL EUROPE AB 3,015,718
SAFRAN 3,015,707
SAFRAN AIRCRAFT ENGINES 3,015,707
SAHU, SADANANDA 3,015,661
SAHU, SADANANDA 3,016,363
SAIKA, MASAYUKI 3,015,996
SAINT-GOBAIN ISOVER 3,016,268
SAINT-GOBAIN ISOVER 3,016,269
SAKAGUCHI, ALAN D. 3,016,132
SAKATA INX CORPORATION 3,015,745
SALARI, RAHELEH 3,016,360
SALES, JEREMIE 3,015,544
SALES, JEREMIE 3,015,705
SALOVICH, JAMES M. 3,016,182
SALVADOR, TOMAS 3,016,436
SAMBASIVAN, SUNDERRAMAN 3,015,934
SAMEC, NICOLE ELIZABETH 3,014,189
SAMPATH, ASHWIN 3,016,155
SAMSUNG ELECTRONIC CO., LTD. 3,016,304
SAN DRAW INC. 3,016,330
SANDERSON, SAM D. 3,016,420
SANDVIK INTELLECTUAL PROPERTY AB 3,015,863
SANO, YUJI 3,016,424
SAPPORO HOLDINGS LIMITED 3,016,409
SARNA, SURBHI 3,015,921
SASAKI, HITOSHI 3,016,301
SASTRY, MALLIKA 3,015,570
SATO, CHIASA 3,016,297
SATO, HIDEYUKI 3,016,326
SATO, HIROKI 3,016,121
SATO, TAKANORI 3,015,961
SATO, YOICHI 3,015,745
SATO, YUKI 3,015,961
SAUDI ARABIAN OIL COMPANY 3,015,833
SAUKKONEN, ESA 3,016,116
SAUNDERS, KEVIN 3,016,327
SAUNDERS, KEVIN 3,016,352
SAVY, PASCAL 3,016,364
SAWANOBORI, TOMOKO 3,015,964
SAWICKI, CRAIG 3,016,228
SAYRE, NAOMI LEDENE 3,015,839
SCANIO, MARC 3,016,303
SCHAEKENS, CHRIS FRANCOIS HUBERT 3,015,865
SCHAFER, MARCEL 3,016,382
SCHEIBLE, PHILIPP 3,016,382
SCHEIBLER, LINSEY S. 3,015,876
SCHEMMANN, MARCEL 3,015,761
SCHEPENS, WIM BERT GRIET 3,016,096
SCHEPERS, KLAUS 3,015,726
SCHLECHTE, JAY S. 3,016,437
SCHMAND, MATTHIAS 3,016,071
SCHMID, STEFAN 3,016,275
SCHMIDT, CHRISTIAN 3,015,719
SCHMIDT, DANIEL LEE 3,015,871

SCHMIDT, NICOLE 3,016,364
SCHMIDT, TERRANCE CARL 3,016,226
SCHMIDT, THOMAS 3,015,927
SCHMIDT, THOMAS 3,016,411
SCHNEIDER, WERNER 3,015,731
SCHNITZER, ODED 3,015,837
SCHOENAUER, MANFRED 3,015,796
SCHOON, DAVID 3,015,889
SCHOOR, OLIVER 3,015,932
SCHOOR, OLIVER 3,016,410
SCHOPFER, FRANCISCO J. 3,016,180
SCHREIBER, ULRICH 3,016,249
SCHROPP, JOSEF 3,015,796
SCHUBERT, FRANK 3,015,884
SCHWARTZ, JILL 3,015,781
SCHWEIZER, LIANG 3,016,187
SCI-TECH (POB) LTD 3,015,931
SCIALLA, STEFANO 3,015,733
SCIALLA, STEFANO 3,015,736
SCIAME, FRANK, JR. 3,016,079
SCOLA, PAUL MICHAEL 3,016,024
SEARLE, XENIA B. 3,016,303
SEATRIEVER INTERNATIONAL HOLDINGS LIMITED 3,015,442
SECURE ENERGY (DRILLING SERVICES) INC. 3,015,848
SEELAM, PULLARAO 3,015,768
SEELER, FABIAN 3,015,945
SEELEY, ZACHARY 3,016,071
SEERY, LLOYD M. 3,015,673
SEEVERS, KURT P. 3,016,040
SEGA, EMANUELA 3,016,187
SEGALL, CHRISTOPHER ANDREW 3,015,749
SELLI, MEHMET 3,016,265
SENTREHEART, INC. 3,015,804
SETH, ANUJ 3,015,661
SETO, YOSHIKI 3,016,326
SHAH, PALLAV 3,016,151
SHANGHAI HANSOH BIOMEDICAL CO., LTD. 3,016,092
SHARMA, ANUBHAV 3,016,381
SHARP KABUSHIKI KAISHA 3,015,747
SHARP KABUSHIKI KAISHA 3,015,749
SHAW, DUSTIN 3,016,169
SHAW, SUBRATA 3,016,182
SHECHTER, SHARON 3,016,343
SHEKHAR, SHASHANK 3,016,303
SHELACH, NOA 3,016,311
SHEN, KAI 3,015,724
SHEN, LIN-PING 3,015,843
SHEN, WENYAN 3,015,660
SHEN, WENYAN 3,016,035
SHEPHERD, ROBERT 3,015,906
SHER, ALEXANDER A. 3,016,095
SHIH, CHUAN 3,015,914
SHIMBA, KIYOTO 3,015,740
SHIMOKAWA, YOSHIYUKI 3,016,295
SHINAGAWA, DAISUKE 3,016,295
SHINOHARA, KATSUHIRO 3,016,235
SHIOBARA, SHOTA 3,015,870
SHIVATARE, SACHIN S. 3,016,170
SHIZUOKA PREFECTURAL UNIVERSITY CORPORATION 3,016,326
SHOOK, BRIAN CHRISTOPHER 3,016,096
SHUMAN, STEWART 3,015,818
SHUTTLEWORTH, ANDREW BRYAN 3,016,248
SHVARTSMAN, SHMARYU M. 3,016,026
SICORNETE - FIOS E REDES, LDA. 3,016,279
SIDDALL, THOMAS L. 3,016,013
SIEBENEICHER, HOLGER 3,016,364
SIEMENS INDUSTRY, INC. 3,015,762
SIEMENS INDUSTRY, INC. 3,016,435
SIEMENS MEDICAL SOLUTIONS USA, INC. 3,016,071
SIGNODE INDUSTRIAL GROUP LLC 3,016,017
SIKA TECHNOLOGY AG 3,015,856
SILIN, BORIS GEORGIEVICH 3,015,784
SILLITOE, CHRIS 3,015,952
SILMACH 3,016,264
SILVA, JENNIFER 3,016,346
SILVA, JONATHAN 3,016,346
SILVA, REA ANN 3,015,972
SIMEONE, BENJAMIN 3,015,685
SIMEONE, EMILIO 3,016,283
SIMPLECIOUS LLC 3,015,909
SINGER, JAMES MICHAEL 3,016,186
SINGH, BIKRAMJIT 3,016,367
SINGH, HARPREET 3,015,932
SINGH, JOHN P. 3,015,988
SINGH, SHISHUPAL 2,994,130
SINGHATAT, WAMIS 3,015,889
SINGLA, AMAN 3,016,073
SIRONA DENTAL SYSTEMS GMBH 3,015,719
SJODAHL, FREDRIK 3,016,356
SJOQVIST, AXEL 3,016,136
SKELL, JEFFREY 3,015,764
SKIBELID, TOMMY 3,015,758
SKIELLER, CHRISTINA 3,015,921
SLATER, MICHAEL LEIGH 3,016,209
SMIETANA, MICHAEL 3,016,171
SMITH, CHRISTOPHER ROBERT 3,016,125
SMITH, CHRISTOPHER WAYNE 3,016,175
SMITH, LARRY 3,015,759
SMITH, LOGAN 3,016,241
SMITH, LOIS 3,014,774
SMITH, PHILIP 3,015,755
SMITH, TIMOTHY R. 3,016,139
SMITH-SIMPSON, SARAH ELIZABETH 3,016,125
SNOW, DAVID 3,015,921
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